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# SARATOGA ILLUSTRATED.

THE  
VISITOR'S GUIDE

## SARATOGA SPRINGS.



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16 Astor Place, New York.

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# SARATOGA

ILLUSTRATED:

## THE VISITOR'S GUIDE OF SARATOGA SPRINGS.

CONTAINING DESCRIPTIONS OF THE

ROUTES OF APPROACH, HOTELS, INSTITUTIONS AND BOARDING  
HOUSES, MINERAL SPRINGS, WALKS, DRIVES, AMUSEMENTS,  
RACES, REGATTAS, EXCURSIONS, COMMERCIAL  
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WITH A

BRIEF HISTORY OF THE SPRINGS AND VILLAGE.

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CIRCULAR STREET, SARATOGA SPRINGS, looking south from Union Avenue.





# SARATOGA SPRINGS.

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## CHAPTER I.

### LOCATION, AND HOW TO REACH IT.

NEAR the eastern edge of the State of New York, U. S. A., and bordered by the Hudson and Mohawk Rivers, lies the ancient county of Saratoga, famous in history and in medical science for its battle-fields and healing springs. The village of Saratoga Springs, in the center of the county, and the largest village in it, is known round the globe. Tens of thousands of the fashionable world annually visit this celebrated resort, and the how to get there becomes a question of absorbing interest. In what direction does it lie? and what are the means of access? From New York it is north 182 miles; from Boston, west 230 miles; from Niagara, east 311 miles; from Montreal, south 202 miles. These are its points of compass, and they readily show its position on the map. These distances are by rail and boat; and, to aid the more distant tourist, it may be mentioned that Saratoga Springs is distant from Philadelphia 274 miles; Washington, 412; Chicago, 841; White Mountains, 322; Albany, 38; Lake George, 35; Rutland, Vt., 62. The routes by boat or rail are numerous.

Tourists from Europe usually choose New York as a starting place for the Springs, as the route includes the Hudson River and gives a choice of boat or rail. The water-route gives 144 miles of steamboat voyaging, of entrancing beauty and grandeur, unsurpassed by any river scenery in the world.

The Day Line of Steamers, during the summer season, make the trip of the Hudson River from New York to Albany by daylight, when all the beauty of the river scenery may be enjoyed in very comfortable ease. They leave pier 39, North River, at 8.40 A.M., and West 22d St., 9 A.M.

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The People's Evening Line, the finest river boats afloat, make the trip in the night, leaving New York, Pier 41, N. R., at 6 p.m. Connection is made in the morning at Albany, with Delaware and Hudson Canal Co.'s R. R., 38 miles to Saratoga.

The Citizen's Line of Steamers leaves Pier 44, North River, foot of Christopher Street, at 6 p.m., arriving at Troy in the morning, connecting with the Del. and Hud. Canal Co.'s R. R., or Boston, Hoosac Tunnel & Western R. R., to Saratoga.

The New York Central & Hudson River Railroad, following the east bank of the Hudson, takes one from New York to Albany or Troy without change of cars, and, during July and August, drawing-room cars are run through to Saratoga Springs in five hours and a half.

The New York, West Shore & Buffalo R. R. runs on the west bank of the Hudson River from New York to Albany, Schenectady and Saratoga.

Tourists from Boston have a choice of two routes:

1st. Via the Hoosac Tunnel Route, which is composed of the Fitchburg, Troy and Greenfield R. R., the Boston, Hoosac Tunnel and Western R. R., to Mechanicville, N. Y., thence to Saratoga. Distance, 223 miles. Passengers can, if they prefer, diverge at Fitchburg, Mass., via Cheshire R. R., to Bellow's Falls, Vt., Rutland Division of Central Vermont R. R., to Rutland, Vt., and the Del. and Hud. Canal Co.'s R. R., to Saratoga. Distance, 230 miles.

2d. Via Boston and Albany R. R. to Springfield, Mass., and Albany, N. Y., thence via Saratoga Division of the Delaware and Hudson Canal Co.'s R. R. to Saratoga. Distance, 240 miles. Passengers by this route can, if they prefer, diverge at South Framingham, via Boston, Clinton, Fitchburg and New Bedford R. R., to Fitchburg, Mass., thence by Route No. 1. Distance, via Hoosac Tunnel Route, 231 miles; via Cheshire R. R., 238 miles. Palace cars are run from Boston to Saratoga without change, via all these lines.

Passengers from the West may take any route to Buffalo or Niagara Falls, thence by N. Y. C. R. R., or West Shore R. R., to Schenectady and Saratoga.

The Erie Railway at Binghamton connects with the Delaware and Hudson Canal Co.'s R. R. to Schenectady and Saratoga.

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From Philadelphia, Baltimore, and Washington, the quickest route is to New York, thence by Hudson River R.R., or Steamers.

From Maine and the Maritime Provinces, rail or boat may be taken to Boston, or to Portland. From Portland, the Boston and Maine Railroad connects with Manchester, N. H., and then, via Concord and Northern Railroad to White River Junction, Vt., thence via Bellows Falls and Rutland, to Saratoga. Or from White River Junction take Cent. Vt. R.R. to Burlington, Vt., thence by steamer on Lake Champlain or Central Vermont R.R. to Ticonderoga, N. Y., thence by Del. and Hud. Canal Co.'s R.R. to Saratoga; or on from Burlington via Central Vt. to Rutland, thence Del. and Hud. Canal Co.'s R.R. to Saratoga. Or from Portland, Me., take Portland and Ogdensburg R.R. to White Mts., St. Johnsbury, Vt., Cambridge, Burlington, thence rail or steamer as above.

"The completion of the Hoosac Tunnel opens another desirable route between Portland, Bangor and the East and Saratoga, viz.: via the Portland and Rochester R.R., Portland to Rochester, and the Nashua and Rochester and Worcester and Nashua R.Rs. to Ayer Junction, Mass., thence by Route No. 1 from Boston."

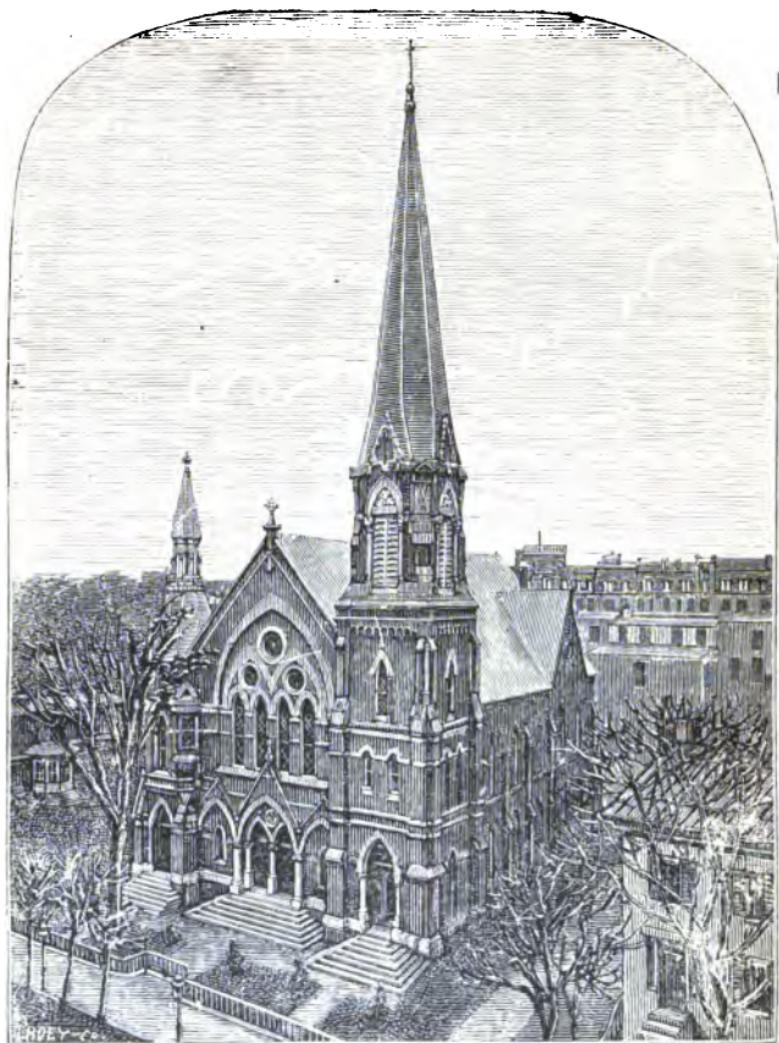
From the White Mountains a through palace car is run to Saratoga in one day in summer via the Wells' River and Montpelier R.R., Cent. Vt. R.R., and Del. and Hud. Canal Co.'s R.R. via Wells' River, Montpelier, Burlington, Leicester Junction, Ticonderoga, and Whitehall to Saratoga.

Or by Portland and Ogdensburg R.R. from White Mts. to Cambridge and Burlington, Vt., thence by rail or steamer.

From Montreal the most direct route is by the Del. and Hud. Canal Co.'s Line, to Rouse's Point, thence to Saratoga. Palace cars are run through from Montreal to Saratoga and New York.

Another route from Montreal is via Grand Trunk R.R. to St. John's, thence via Central Vermont to Rutland, where you change cars; thence via Del. and Hud. Canal Co.'s R.R. to Saratoga.

Or, by Grand Trunk R.R. to Rouse's Point, Lake Champlain Steamers to Ticonderoga, thence by Del. and Hud. Canal Co.'s R.R. to Saratoga Springs. This latter route is the more delightful, as it takes the tourist through the glorious scenery of Lake Champlain, on the fine steamers of the ~~Line~~, and also allows a divergence at Ticonderoga, via Lake George.



**METHODIST CHURCH, FROM TOP OF GRAND UNION HOTEL.**



## CHAPTER II.

### THE VILLAGE.

IN approaching Saratoga Springs, over two railways, either from the north or south, the traveler meets with a surprise. The change from open farms to close-built town is abrupt, and the cars are among the houses, and at the station, almost before the fields are missed. From the south, the first intimation is the little group of cottages, clustered about the Geyser Springs, perhaps three minutes before the train stops. From the north, the bran-new villas and embryo streets of Excelsior Park, the towers and the mansard roofs of the great hotels, flash past just as the brakes begin to pull up for the depot. In either case the train slides along the same covered platform, and "Saratoga" is announced. The intelligent brakeman knows the station is really "Saratoga Springs," but, with that freedom for which he is famous, he clips the "Springs." Saratoga is quite another place. This is Saratoga Springs, properly so called. The long platform swarms with importunate hackmen, and, were it not for good policing, the arrival would be a trifle formidable. The prudent passenger will provide for the transportation of his baggage, before he reaches the depot, by giving up his checks to the agent of the

#### Saratoga Baggage Express.

This company transports baggage to any part of the town for the small sum of twenty-five or fifty cents, and is a regularly organized and responsible concern. The agent will pass through the cars, just before the train reaches Saratoga, soliciting checks. He can be readily recognized by the badge on his hat, and passengers need have no doubts of his integrity or authority, for

none but the reliable agent of the Express Company is allowed on the cars. By giving him your checks, you will save much inconvenience, and have your baggage promptly delivered at your boarding-house, without further trouble. To find the porter of your house, a glance at the row of signs overhead will show just where the correct man stands, and where you should go to find him. Each hotel has a reliable man under its sign, and the badge on his hat will make the assurance sure. Give him your checks, and then walk to the house. The most distant hotel, except the Mansion House, is only four blocks away, and the little walk will properly introduce one to the place. Unless there are boat or horse-races going on, there is no need to hasten to secure rooms. This is the land of vast hotels, and a party of six or more is a small affair where twenty thousand people may be lodged at once. Opposite the station rise the huge, yellow walls of the United States Hotel, and the street beside it leads one to the left, directly upon Broadway, the main thoroughfare of the village. Reaching this street, with the United States on the southern corner (right), and the Worden on the northern (left) corner, we find ourselves in the center of the town, on the wide avenue called Broadway. The street runs up to the north, or left, and down to the south, or right. The United States, Adelphi, American, Grand Union, Congress Hall, Columbian, Clarendon, Windsor, and Everett, are to the right; the Holden, Waverly, Washington Hall and Broadway Hall are to the left, and each faces the street. The Kensington is one block east of Congress Spring, near the corner of Circular Street and Union Avenue. To reach the other hotels and boarding houses, the porter will point the way; and each is within ten minutes, excepting the Mansion House, at Excelsior Park.

Having found one's house, and a little leisure, it may be in order to look at the village. Saratoga Springs is a village of hotels and dwelling houses. There are few or no manufactories, and its streets seem devoted to elegant leisure or abundant shopping. Its surface is mainly level, except where a shallow valley winds in a general north-easterly direction through the center. Through this runs a little brook, and, by its banks, at the bottom of the valley, may be found most of the more famous

## SARATOGA ILLUSTRATED.

mineral springs. On either side of this valley the ground is level, and forms the top of a piece of elevated table-land, a mile or two in diameter. It is evident that a "fault" occurred here in the geological formation; for, on the west side of this valley, the foundation rock underlying the plateau crops out to the surface, while on the east side, for several feet, nothing but sand is found. The Town Hall, on the corner of Broadway and Lake Street, marks the center of population. The geographical center is, perhaps, a quarter of a mile to the south-east of this point. Immediately beyond the village, and in nearly every direction, the country becomes broken, so that the outskirts are varied and pleasing, while the village itself is sufficiently level for comfortable walking.

The principal street is Broadway, extending a little east of north through the entire village, and making the grand drive and promenade, where all the life, business, and pleasure of the place may be seen in a five-minutes' walk. This concentration of the hotels and stores in one street, and in the immediate neighborhood of nearly all of the springs, gives the village a singular aspect; for, away from this center, there is nothing but houses, cottages, and villas, each in prim fashion facing its quiet, shady street—a village of homes.

Broadway is peculiar and original. The hotels, the elegant stores, the fine rows of trees, the broad borders of sod, and the throng of carriages and people that crowd its walks and roads, present a spectacle unlike anything else in the world. Newport and Interlaken, Ems and Long Branch, have their special charms, but nowhere is so much of caravansary and general splendor concentrated in so limited a space. No other resort can show two such palaces as the Grand Union and Congress Hall, facing each other on one street. Perhaps no other place would lug two such monster buildings into such pronounced rivalry. Be that as it may, here they stand, and the general effect is remarkable, and a trifle oppressive. There is too much of architectural glory; but the American likes grandeur, and here he has it, in a profusion perfectly dazzling. There is a slight bend in the street, in the neighborhood of Congress Hall, and standing here, one may look in either direction, and feel a natural pride.

## SARATOGA ILLUSTRATED.

in his country, that such monuments to American wealth, skill, and culture, can be taken in at a single glance. Certainly, there is but one Saratoga in the world.

Five minutes' walk, up or down Broadway, takes one past all the great houses and the best stores. Congress Park and its springs give a rural aspect to the avenue, and the stately rows of trees afford agreeable shade. The walks are good, and the road well kept. Thousands crowd the way in elegant attire, and there is a world of faces and things to see and admire. The throng of carriages passes in brilliant procession, flowers and elegant drapery fill the windows and frame the faces looking out making a bit of realistic fairy-land that wins the attention at every step. The view of the village from the top of the large hotels or the Town Hall is very delightful. The numerous shade trees give the town the appearance of a very beautiful forest city, and the view will fully repay the slight trouble of a few steps to one of these elevations.

Away from Broadway one sees home-life, quiet or gay, sober or festive, in countless houses, stretching through well-swept shady streets in endless variety. Round all is the charming open country, with woods, lakes, and meadows, and with mountain ranges to fringe the blue horizon. The houses are generally small as if the house-keeper did not intend to be much cumbered with the cares of many rooms. Every house has its own garden, and grass is freely used as a general outdoor carpet and embroidery. Many of the houses are of brick, and all exhibit a refreshing freedom of design, as if the owners had their own ideas of comfort, and meant their homes to express themselves. If they do, the Saratogians are a goodly people, cleanly, hospitable, and agreeable. Everything is as neat as wax, and there is an air of elegant finish about the houses and gardens that is infinitely suggestive and comforting. The visitor at once concludes that a residence among such homes must be pleasant, and there he is certainly correct. The attractions of Saratoga as a residence are being appreciated by some of the wealthier classes, and already several prominent families from the large cities have established their residence here.

Nor are sanitary essentials neglected. With all the paint and

## SARATOGA ILLUSTRATED.

varnish, sod-work and gilding, there is no slighting of the unseen works upon which the health and well-being of every town must be built. Excelsior Lake furnishes abundant supplies of pure water, and, by the use of the Holly system of waterworks, it is delivered at every door for domestic and fire purposes. Every street is lighted with gas, and abundant sewers prevent all danger of typhoid visitations. This last and most important matter was formerly much neglected; but now, ample sewerage works have been provided and the place is perfectly secure.



THE TOWN HALL.

Using the front steps of Congress Hall as a convenient pivot upon which to turn to find the chief points of convenience and interest, the springs, churches, etc., may be noticed as follows: The Post-Office is in the Arcade, on Broadway, nearly opposite the United States Hotel, with entrances on Broadway and Phila Street.

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The Town Hall is on the east side of Broadway, on the corner of the fourth block to the right. The hall and reading rooms of the Young Men's Christian Association are in the Town Hall building.

The churches of Saratoga Springs are commodious and elegant, and designed for the accommodation of both transient and permanent residents. The regular pastors are men of ability and worth, and the various pulpits are often filled during the summer season by eminent divines from all parts of the country.

The Methodist church, a handsome structure of brick, with sandstone trimmings, is on the north side of Washington Street. To reach it, cross the street to the sidewalk opposite, turn to the right, and Washington Street is the first turn on the left. The church is near Broadway, on the right.

The Episcopal church is on Washington Street, and directly in the rear of the Grand Union Hotel.

The Presbyterian church, a large brick building with a tall spire, is next beyond the Town Hall, and in the fourth block to the right, on the same side of the street.

The Baptist church is located on Washington Street, just beyond the Methodist church. To reach it, cross to the walk in front of the Grand Union Hotel, turn to the right, and take the first left.

The Congregational church is over the Post-Office, on Phila Street. Walk along Broadway to the right, and take the second turn to the right.

The Catholic church is located on South Broadway, corner of William Street, and opposite the Clarendon Hotel.

The Second Presbyterian Society occupy Newland chapel or Spring Street. Spring Street joins Congress Hall on the right, and the chapel is in the fourth block from the hotel.

The Free Methodist chapel is located on Regent Street. Regent is the third street east of Congress Hall, on Spring Street. The hours of service and the names of the pastors may be found in the Saturday edition of the Saratoga daily papers.

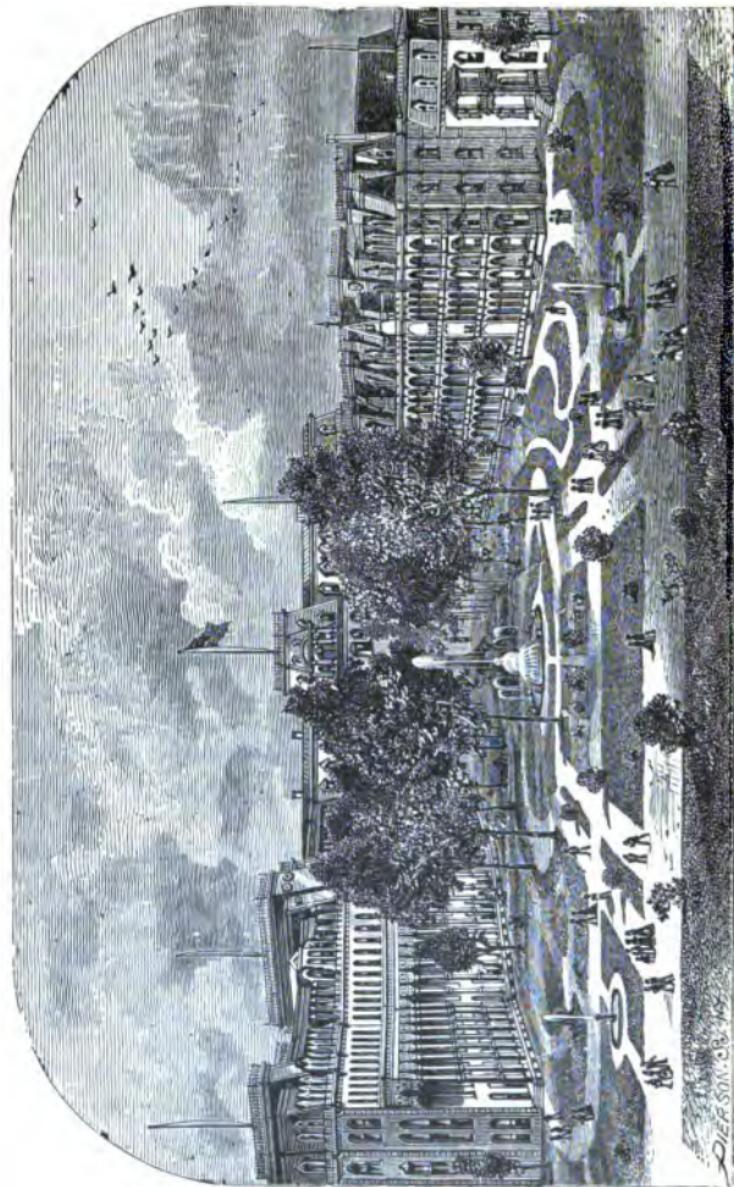
The Temple Grove Seminary is located at the junction of Spring and Circular Streets. Follow Spring Street, from the north side of Congress Hall to the second cross street.

## SARATOGA ILLUSTRATED.

To find the springs quickly, the visitor may start from Congress Hall as follows:—Congress and Columbia Springs, turn to left; Hathorn and Hamilton Springs, take first turn to right from Broadway; Putnam Spring, follow Broadway to right to second right-hand turn; Pavilion Spring, follow Broadway to third turn to right; Seltzer, High Rock, Star, and Empire Springs, follow Broadway to sixth turn to right; the second turn to left will then lead to steps above the springs. To find the Old Red and Saratoga "A" Springs take same route as for Empire Spring and walk on past it along edge of brook. Washington and Crystal Springs are easily reached from Congress Hall by walking one block to the left. Excelsior Spring is more distant, and may be reached from the Old Red Spring by following the town-road to the right, past the Water Works. The Geyser, Champion, Triton and other springs in that group are about twenty minutes walk to the south. To reach them, turn to left and follow South Broadway to Ballston Avenue, opposite the end of Congress Park. This road turns off to the right, diagonally, and the walk, though sunny, is pleasant and easy. The Race Course is perhaps eight or ten minutes' walk to the east of Congress Hall. East Congress Street, on the south side of the hotel, leads directly to the wide avenue known as Union Avenue, and the grand entrance is easily found on the right, near the end of the fifth block from Congress Hall. The Circular Railway and one of the Indian Encampments are also on this road, on the left, in the second block from Broadway.

Other places of interest and the routes to them are detailed elsewhere.





INTERIOR COURT VIEW OF UNITED STATES HOTEL, Saratoga Springs, N. Y.



## CHAPTER III.

### THE HOTELS.

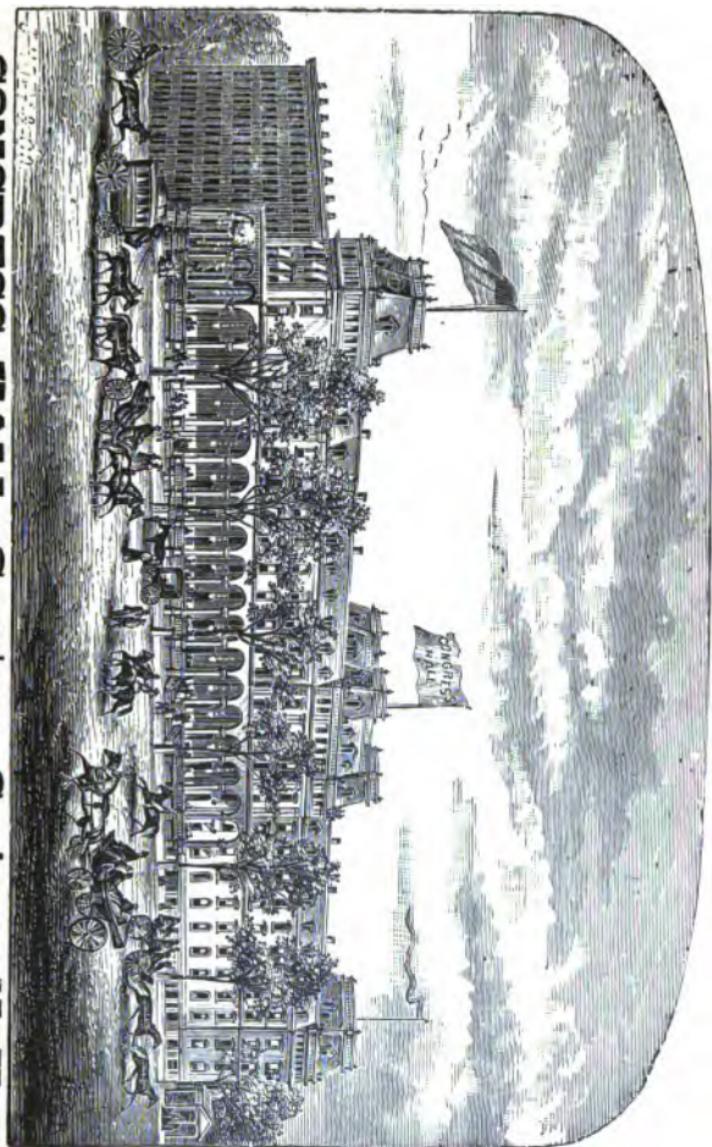
THE hotels at Saratoga Springs are among the largest, the most costly, elegant, and comfortable in the world. For nearly a century people have journeyed to these springs, to drink their healing waters; and, as one day's visit is hardly worth the while, they have sought a home here during the summer season. It is this that has caused the village to open its doors so freely, and to build up, from a small beginning, a system of hotels and boarding houses unlike anything else to be found. Added to this came, in time, the demands of the merely pleasure-seeking, fashionable world. People came to the springs for the sake of the gay company gathered here, and from year to year the hotels have grown, expanding their wings and adding room beyond room, till they cover acres of ground, and the halls and piazzas stretch out into miles. They have a bewildering fashion here of repeating the wondrous tale of these things. They talk about the miles of carpeting; the thousands upon thousands of doors and windows; the hundreds of miles of telegraph wires; vast acres of marble floors; and tons of eatables stored in the pantries, till one is lost in admirable confusion. It is all true, and that is the wonder of it. The management that governs it all is more remarkable than the gilding and mirrors. It is a sort of high science, unequaled in the world, combining the "ease of mine inn," and a perfection of detail and freedom from friction that is as pleasant as it is wonderful.

Saratoga's face is her fortune, and it is said that the entire town devotes its days and nights to the comfort of the tourist. The tourist should be indeed happy. If he is not, it is safe to say it is his own fault. In speaking of these hotels, the four great houses are mentioned first. The smaller ones are noticed in the order of their size. The numerous boarding houses will be considered in the next chapter.

**Congress Hall**

Is built on the site of the old and famous hotel of the same name which was burned in 1866, and occupies the larger part of the square bounded by Broadway, East Congress, Spring and Putnam Streets. Its situation is in the very center of the gay and fashionable hotel world of Saratoga, and is admirably arranged for seeing all the attractive phases of the "great watering-place" life. Its frontage on Broadway, the principal street of the town, is 416 feet, with a high promenade piazza 20 feet wide and 249 feet in length, commanding a view of the most brilliant portion of Saratoga. From the Broadway front two immense wings, 300 feet long, extend to Putnam Street, the northern wing, running along Spring Street and overlooking the celebrated Hatheron and Hamilton Springs on one side, and with the central wing which runs parallel with it, enclosing a very beautiful garden plot. The southern front commands a full view of the famous Congress and Columbian Springs, and the beautiful Congress Park, owned and adorned by the Congress Spring Company. Ample piazzas extend around the back of the hotel, overlooking the grass and garden-plots of the interior court, affording cool and shady retreats in the afternoon, when entrancing music is discoursed by one of the best hotel bands in Saratoga.

Congress Hall is built in the most substantial manner of brick with brown-stone trimmings, and presents one of the most graceful architectural appearances in Saratoga. Its walls are 20 inches thick and hollow in the center, thus securing great strength and protection from heat of summer. The roof is a Mansard, with three pavilions, which afford wide and delightful views from the promenades on top. Interior fire-walls are provided to prevent the spread of fire, and Otis elevators afford easy access to all the floors of the house. The rooms are all large, high and well ventilated, and properly provided with annunciators, gas, etc. The halls, dining-rooms, parlors, and offices are of grand proportions, and are furnished with an elegance that bespeaks comfort and neatness in all its departments. The ventilation of the dining-room and kitchen has been much improved, and a Steam Heating Apparatus introduced on the main floor for use whenever changes in the temperature require it. Hot and cold



**Congress Hall, Saratoga Springs, N. Y.**

CLEMENT & COX

H. S. CLEMENT Manager.

RATES:—\$3.00 to \$5.00 per day, according to location of rooms.

## SARATOGA ILLUSTRATED.

water have been carried to every floor, and a large number of baths and closets added for the convenience of guests.

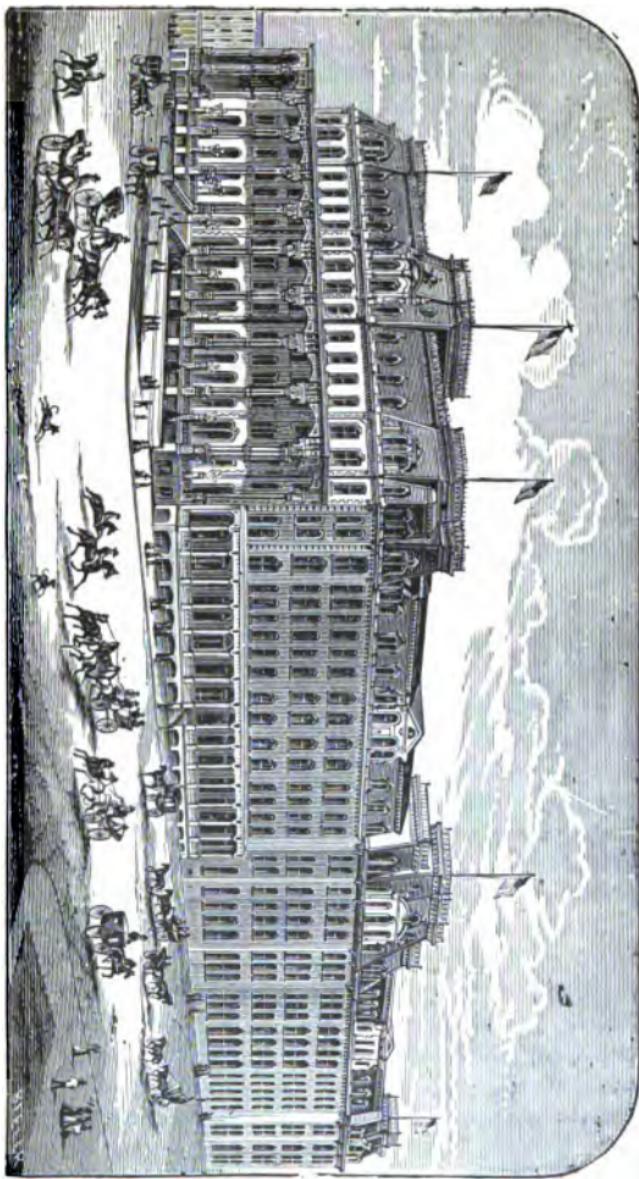
There has also been a complete renovation of the furniture, and the rooms, halls, and parlors have been recarpeted, and 200 rooms refurnished throughout and the walls refinished. The public parlors have been refurnished with new Wilton carpets, and the reception rooms, office and dining-room renewed. The kitchen department has been thoroughly reorganized at a large expense, and will this year be made equal to the best. The office has been tiled and greatly improved. The laundry has been greatly improved and its facilities increased.

The rooms of Congress Hall are larger, and therefore afford pleasanter and more healthy apartments than any other hotel in Saratoga, and will accommodate over 1,000 guests in the most comfortable style. The beds are the easiest and best spring and hair mattresses to be found in this country, and ample presses, closets, etc., afford all desirable conveniences. The ball-room of the Congress is one of the finest in Northern New York, being most exquisitely frescoed and adorned with costly chandeliers and ornaments. It is in the block across Spring Street, but is connected with the north wing of the hotel by a light, graceful iron bridge suspended over the street, covered and protected, which, when illuminated on hop nights, is very picturesque.

Congress Hall is favored with a superior class of visitors, which annually includes the finest families of our metropolitan cities.

In 1878, Mr. W. H. Clement, of Cincinnati, Ohio, President of the Cincinnati and Southern R. R. Co., and Mr. John Cox, of New York, gentlemen of large means, purchased Congress Hall and have since added many improvements. They have placed it under its present efficient and popular management, which now includes Mr. H. S. Clement, who has attained distinction as a manager of first-class hotels and who was proprietor of Congress Hall in its palmiest days, when it stood without a rival in Saratoga.

The great success of Congress Hall is complete proof of the efficiency and popularity of the management. Owing to the very low purchase price of the hotel, the proprietors feel able to keep up the standard of style of its former glorious years and yet keep the prices at the lowest possible and present popular rates. Open from June 19th to October 1st.



UNITED STATES HOTEL, SARATOGA SPRINGS, N. Y.  
TOMPKINS, GAGE & CO., PROPRIETORS.

United States Hotel.

This magnificent structure was completed in June, 1874, and is situated on the block bounded by Broadway and Division Street, on the site of the old United States Hotel, around which so many pleasant memories cluster, but which was burned a few years ago. It constitutes one continuous line of buildings, six stories high, over 1,500 feet in length, containing 917 rooms for guests, and is the largest hotel in the world. The architectural appearance is exceedingly elegant and beautiful. It is Norman in style, and its Mansard roof is embellished with pediments, gables, dormer windows and crestings, and three large pavilions.

The building covers and encloses seven acres of ground in the form of an irregular pentagon, having a frontage of 232 feet on Broadway, 656 feet on Division Street, with "Cottage Wing" on the south side of the plaza, extending west from the main front for 566 feet. This wing is one of the most desirable features of this admirably-arranged house, as it affords families, and other parties, the same quiet and seclusion which a private cottage would afford, together with the attention and conveniences of a first-class hotel. The rooms of this wing are arranged in suites of one to seven bedrooms, with parlor, bath-room, and water-closet in each suite. Private table is afforded if desired, and the seclusion and freedom of a private villa may be enjoyed here, to be varied, at will, by the gayer life of the hotel and watering place.

The main front and entrance is on Broadway, in which is the elegant drawing-room, superbly furnished with Axminster carpets, carved walnut and marble furniture, frescoed ceilings, elegant lace curtains, and costly chandeliers and mirrors. The room is rich and tasteful in its entire arrangements. Across the hall is the ladies' parlor, furnished with exquisite taste; and beyond, at the corner of the Broadway and Division Street fronts, are the gentlemen's reading-rooms and the business offices of the hotel. To the west of the office in the Division Street wing, is the dining-hall, 52 by 212 feet with 20 $\frac{1}{2}$  feet ceiling; beyond which are the private drawing-rooms, the children's ordinary carving-rooms, etc. The grand ball-room, 112 by 53 feet, with ceilings 26 feet high, is on the second floor of the Division Street wing, and is decorated with artistic and appropriate adornments.

## SARATOGA ILLUSTRATED.

The arrangement of the sleeping apartments of this hotel is excellent, and its rooms are furnished with gas, water, and marble basins throughout. It is the only hotel in Saratoga that is thoroughly plumbed and has running water in all its rooms. All the rooms are connected with the office by an electric annunciator. The entire building is divided into five sections by thick, fire-proof walls, and the openings through them are protected by heavy iron doors, thus affording great protection in case of fire. There are also fire-hydrants in each section, with hose attached, on each floor. There are ten staircases which afford ample means of escape from fire. Two elevators are used solely for conveying guests to the various floors, and every convenience has been adopted in equipping this elegant hotel for its immense summer business. Upon the Broadway front is a fine piazza, 232 feet long, three stories high, overlooking the center of the village; and one on Division Street, 200 feet in length. Extensive piazzas, 2,300 feet in length, for promenades, encircle the large interior court, which is ornamented with beautiful shade-trees, sparkling fountains, graceful lawn-statuary, and meandering walks; and, during the evening, when illuminated with electric and colored lights and lanterns, and enlivened with exquisite music, the scene is brilliant and fascinating in the extreme.

In fact, everything that is needed to make the hotel attractive and convenient is found here, and the United States Hotel stands unexcelled in its furnishing and arrangements by any of the hotels of the great watering-place. As one looks upon this palatial structure, and carefully inspects the detailed arrangements for the perfect convenience and comfort of its guests, he can but be amazed at the enterprise and courage of its owners, who have opened to the world this stupendous establishment. This immense and elegant hotel is managed by gentlemen of great experience. The Hon. James M. Marvin, who is well known to all old frequenters of Saratoga, has the general control of the whole property interest, while Messrs. Tompkins, Gage & Co. are the lessees and proprietors. Under their able and successful management, the house has steadily gained in favor and become known as the most elegant and aristocratic summer resort in the world. Guests can rely on having everything provided that will conduce to their comfort and happiness.

### Grand Union Hotel.

This palatial hotel and its grounds occupy the square bounded by Broadway, Congress, Federal and Washington Streets, in the very center of the town. It is a magnificent structure of brick and iron of modern style, with a street frontage of 2,400 feet. It is one of the largest and most elegantly furnished watering-place hotels in the world. Along its entire Broadway front of 800 feet runs a graceful iron piazza, three stories high, affording a splendid promenade which overlooks the liveliest portion of Broadway, and the beautiful Congress Park and Spring. The main entrance and office is at the center of the Broadway front, in the rotunda, which is eighty feet in diameter, and extends to the top of the house, with balconies on each of the five stories overlooking the entrance and grand saloon about the office. To the left of the office are reception-rooms and the grand saloon parlor, which is beautifully decorated and furnished.

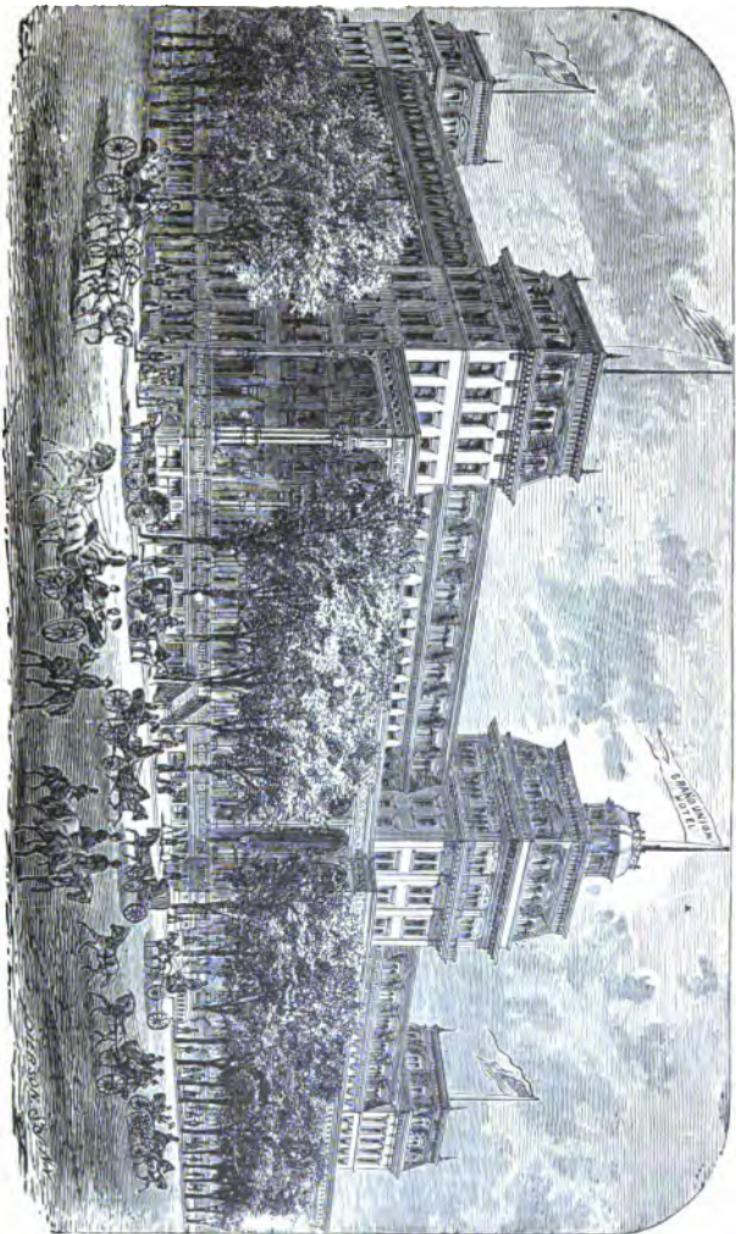
Beyond the drawing-room are other small private parlors, and to the right in the Congress Street wing, is the spacious and elegant dining-hall, 60 feet wide, 275 feet long, beautifully frescoed and furnished with splendid mirrors.

The rooms of the hotel are elegantly furnished, and many are arranged in suites for family use. Three elevators are now in operation, and guests are conveyed to and from the five floors with the utmost ease and despatch. The hotel fronts on three streets, thus affording a large number of outside rooms, while the rear rooms open upon the handsome interior court-square, beautifully adorned with trees, shrubs and flowers, presenting a delightful view of genuine artistic landscape gardening.

The new ball-room, 60x85 feet, built in 1876, is beautifully frescoed, and adorned with balconies. Yvon's Grand Centennial picture, "The Genius of America," painted expressly for the late Mr. Stewart, occupies one entire end of the room. Concerts are given every morning on the piazzas of the hotel, and hops every evening in the ball-room. Entertainments for the children are held every week.

Billiard-tables and new bowling alleys are provided for the exclusive use of guests, and all facilities that can conduce to comfort and entertainment are provided.

**THE GRAND UNION HOTEL.**  
SARATOGA SPRINGS.



## SARATOGA ILLUSTRATED.

### The Windsor Hotel.

The Windsor has the choicest location of the Saratoga hotels. It is situated on the brow of the hill adjoining and overlooking Congress Spring Park, with which it is connected by an entrance directly from the grounds of the hotel. Guests will appreciate this great advantage, especially those having children and those who resort to Saratoga to drink the waters of this famous Spring.



To those who desire to enjoy the life-giving air and waters of Saratoga, amid luxurious surroundings, and who seek to avoid the bustle and confusion of the larger hotels, the Windsor offers special attractions. This hotel serves a late dinner, during the service of which music is rendered in an adjoining apartment. The rooms of the hotel are arranged en suite and single, and offer most elegant accommodations for families. Wide verandas on every floor make the richly furnished rooms doubly attractive. The hotel is supplied with every accessory demanded by modern refinement of living, including scientific plumbing, steam heat, incandescent electric lights, etc., etc. This hotel employs white servants only. It is a strictly high-class house, and its *cuisine* and service are unexcelled. Mr. Willard Lester manages the hotel. It is open until October 1st.

## SARATOGA ILLUSTRATED.

### The Worden

Is situated on the corner of Broadway and Division Street, directly opposite the United States Hotel. It is one of the best constructed hotels in Saratoga, comfortably fitted up and admirably conducted by the proprietor, Mr. W. W. Worden. The Worden is the headquarters for tobogganists during the winter season, and is yearly becoming more popular with summer

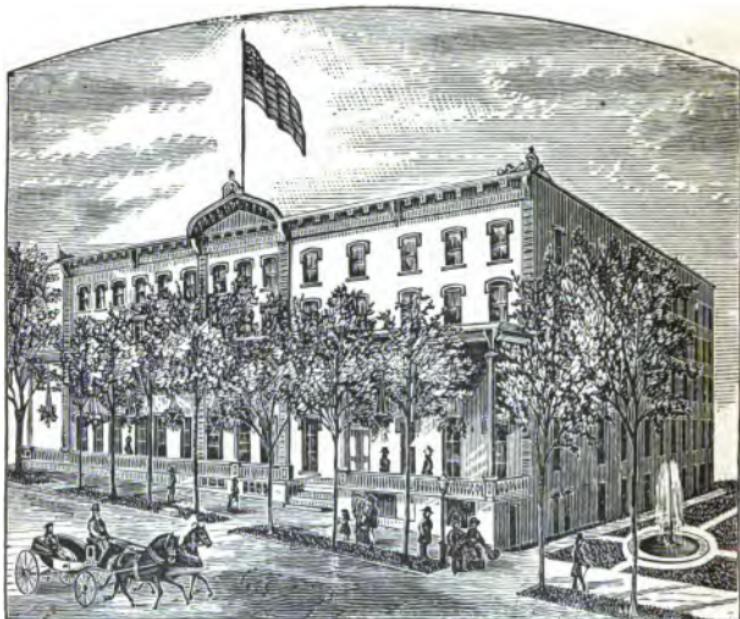


residents and transient visitors, who appreciate comfort, quietness, good food, reasonable charges, never-failing courtesy, and attention. This hotel takes high rank among the Saratoga hosteries. It is conveniently located, being but two minutes' walk from the depot, has ample accommodations for 300 persons, and is open all the year round.

## SARATOGA ILLUSTRATED.

### The Columbian.

This well-known hotel is charmingly located on Broadway in a central part of the village, between the Grand Union and Clarendon Hotels and opposite the new Convention Hall. It is only a few rods from the famous Hathorn and Congress Springs.



The Columbian has accommodations for two hundred guests. The rooms are large, pleasant, light and airy, and well furnished ; a large number of connecting rooms, suitable for families. No dark or inferior rooms.

The parlors are cheerful, the dining hall is spacious, the halls commodious, and the piazzas, which afford a pleasant promenade, are two hundred and fifty feet in length.

The hotel is under the management of Mr. Frederic Hemmulé, who has been *chef* for Mr. Cornelius Vanderbilt for eight years. It is his aim to have the hotel table and service first-class in every particular.

Mr. Hemmulé also has a first-class restaurant, and serves meals in a private dining-room if desired.

## SARATOGA ILLUSTRATED.

### Huestis House.

This popular summer house, open from May 15th to November 1st, is situated on South Broadway, within one block of the Congress and Hathorn Springs. It has been under the same management for the past twenty-five years, and has accommodations for 200 guests. Being an old-established house, its patrons are among the leading citizens of all parts of the country, thus making the social life delightful throughout the season.

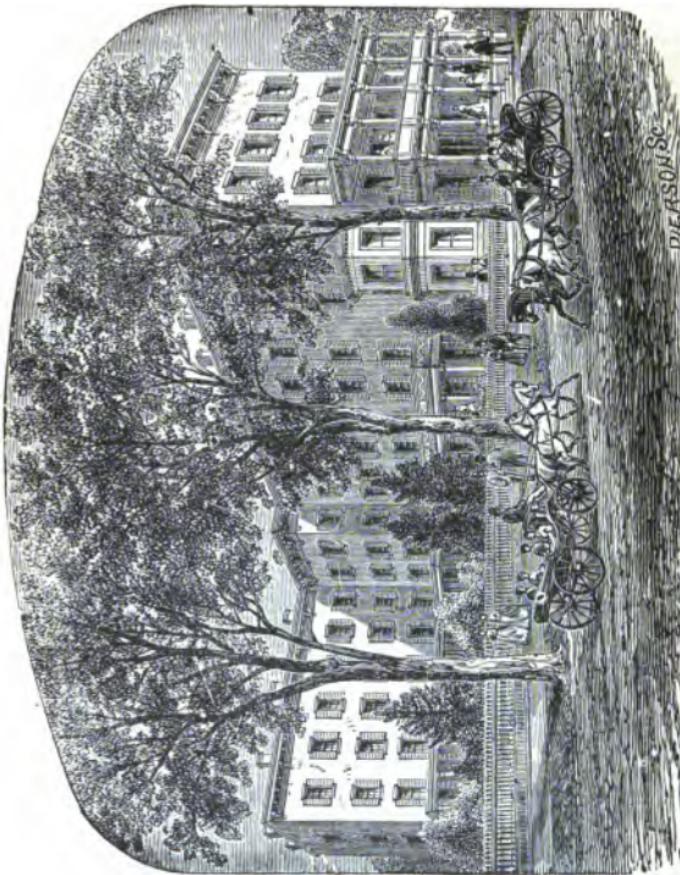
The house is furnished in modern style, rooms single or en suite, well ventilated and supplied with the best electric annunciators, incandescent lights, bath-rooms, and other modern improvements. The parlors are large and handsomely furnished.

Steam heat has been introduced and extended throughout the house, so that the cool and rainy days never bring the chilly air to any part of the establishment. Many of the rooms are also supplied with open wood fire-places. The dining-room is very commodious and cheerful, and will seat over two hundred guests. The children's ordinary supplies a separate dining-room for children and nurses. The cuisine is excellent, and the mode of service unexcelled. Address Wm. B. Huestis, proprietor, Saratoga Springs, N. Y.

### The Tefft House.

The Tefft House is strictly first class in every respect. It is thoroughly comfortable and homelike and is supplied with all the modern improvements. It is in the center of the village on beautiful Franklin Street, and is one of the very inviting houses of Saratoga. Here one can have the quiet restfulness and the comforts of a home and yet be near the center of the gayety of Saratoga life. It is a superior house.

Mr. T. T. Tefft, the proprietor, thoroughly understands keeping a house and does everything to make his guests comfortable.



**DR. STRONG'S SANITARIUM, Saratoga Springs, N. Y.**  
Open all the year. Location delightful and central. Bath department complete and elegant. Society genial and cultured. Summer resort of many eminent persons for rest and recreation as well as treatment. Among its patrons are Rev. Theo. L. Cuyler, D.D. (Brooklyn); Rev. D. R. Kerr, D.D. (Richmond); Rev. Chas. F. Deems, F. C. Sessions (Columbus, O.); Rev. Dr. John Potts (Toronto); Bishops Foss and Bowman; Hon. F. C. Sessions (Columbus, O.); Rev. Homer Eaton, D.D. (M. E. Book Concern, N. Y.); Jas. McCreery (N. Y.); ex-Gov. Wells (Va.); Rev. Dr. McCosh (Press, Princeton); T. Sterry Hunt, L.L.D. (Cantab.); Judges Reynolds, Hand, Bliss, Drake; Med. Prof. Ross, Knapp; Miss Frances E. Willard, and many others equally well known.

**Turkish, Russian, Roman, Electro-thermal and all other Baths, Massage and all remedial appliances.**

## SARATOGA ILLUSTRATED.

### CHAPTER IV.

#### REMEDIAL INSTITUTIONS.

THE institutions for the special treatment of diseases in Saratoga are few, but one of them is recognized by the medical profession as very superior. It is certainly well supplied with medical appliances, and under competent management. We call attention especially to

##### Dr. Strong's Sanitarium.

This excellent institution is pleasantly located on Circular Street, the most beautiful avenue in Saratoga, within five minutes' easy walk of the great hotels, Congress Spring Park, Hathorn, and the principal springs, and other sources of attraction. It is just retired enough for rest, and near enough to all the whirl of the famous resort.

The Sanitarium has the table and other appointments and elegance of a first-class hotel. It has a passenger elevator, electric bells, steam, open fireplaces, and a sun parlor and promenade on the roof of the house. No sanitarium in this country excels Dr. Strong's in its equipment of modern appliances for medical treatment. Its bath department compares favorably with the best metropolitan establishments, and offers the only opportunity in Saratoga for obtaining Turkish, Russian, Roman, and Electro-thermal baths. Abundant facilities are afforded for recreation and amusement, comprising organ, pianos, parlor entertainments, fine croquet grounds, gymnasium, etc. A marked and very pleasant feature of the house is its genial cultured society and home-like sociability. It is open all the year for patients and guests, and is the summer resort of many eminent persons for rest and recreation.

Among its patrons are Rev. Theo. L. Cuyler, D.D. (B'klyn), Rev. D. R. Kerr, D.D. (Richmond), Rev. Chas. F. Deems, D.D. (N. Y.), Rev. R. D. Harper, D.D. (Phila.), Rev. C. C. ("Chaplain") McCabe, D.D., Rev. Dr. Jno. Potts, (Toronto); Bishops Foss and Bowman; Hon. F. C. Sessions (Columbus, O.), Rev. Homer Eaton, D.D. (Meth. Book Concern, N. Y.), Jas. McCreery (N. Y.); Ex-Gov. Wells (Va.); Presidents McCosh (Princeton),

## SARATOGA ILLUSTRATED.

Warren (Boston University); Judges Reynolds (Brooklyn), Drake (Washington), Hand (Penn.), Bliss (Mo.); Med. Profs. Ross (Chicago), Knapp (N. Y.), Ford (Ann Arbor); Hon. Geo. S. Batcheller, Asst. Sec. U. S. Treasury, and many others.

Saratoga Springs should have an institution managed by educated physicians, where professional advice, with able and constant medical supervision, can be obtained. Such is Dr. Strong's Sanitarium. A casual observer would not observe its medical character. There is no appearance of invalidism, and its prominent features are those of a first-class family hotel.

The proprietors have received a classical education, and are graduates of the Medical Department of the University of the City of New York. The institution is indorsed and largely patronized by the medical profession. Its ample halls, parlor, dining, bath and other public rooms are heated by steam, while its extensive piazzas and gymnasium afford opportunities for exercise.

In addition to the ordinary remedial agents available in general practice are such special appliances as Turkish, Russian, Roman, Electro-thermal, and every variety of hydropathic baths, Massage, Galvanic and Faradic Electricity, Vacuum Treatment, Movement Cure, Inhalation, Medicated Oxygen, Compressed and Rarefied Air, Health Lift, Calisthenics, Mineral Waters, etc., so that the institution is furnished with every appliance requisite for the treatment of Nervous, Lung, Female, and other chronic diseases.

The dry, uniform, and bracing climate, together with the cathartic, tonic, diuretic, alkaline, and alterative mineral waters, form attractions which bring invalids here at all seasons of the year. Physicians recognize the importance of the mineral waters in many courses of treatment. The danger from their indiscriminate use cannot be too strongly emphasized, as much of their efficacy and marvelous power over disease is due to their proper administration, and, if ignorantly used, they may become as potent agents for harm as they should be for good. Over twenty years' professional observation and experience eminently qualify Dr. Strong to give advice in regard to them. The advantages of a well-regulated hygiene institution so completely equipped and under the able management of regularly educated physicians, are obvious. Illustrated circular sent on application.

## SARATOGA ILLUSTRATED.

### **The Balch House.**

Mr. and Mrs. W. S. Balch have recently opened a fine brick - boarding-house on North Broadway, a little north of the Presbyterian Church, in one of the most beautiful parts of Saratoga. They have furnished the house handsomely, and can accommodate about 75 guests in their nice, large, well-ventilated rooms. Mrs Balch enjoys the reputation of keeping an excellent boarding-house. Her facilities for making her guests comfortable in her new home are superior. Her table has always been celebrated for its excellence. The prices for board are quite reasonable.

### **Elmwood Hall.**

A comfortable residence, located in a quiet, shady spot, near the center of the village, fronting the open park which lies between it and Broadway. A mineral spring on the premises furnishes mineral water to guests free. The rooms are large and pleasant, and some are connected to accommodate families. Mr. Potter, the proprietor, spares no pains to make the place what everybody who comes to Saratoga seeks—a pleasant home. Several new and spacious rooms have been recently added. Terms, \$1.25 to \$2.00 per day, or \$7.00 to \$12.00 per week. The house is open all the year, and conducted on strict temperance principles. Address Emory Potter, Saratoga Springs, N. Y.

### **The Waverly Hotel**

is a first-class family house, delightfully located on North Broadway, a short distance above the Town Hall, in the pleasantest portion of Broadway. It is surrounded by handsome private residences. The drive to Woodlawn Park is past the Waverly, and elegant private equipages constantly pass before it. The hotel is four stories high and has a mansard roof. It is encircled on the first and second floors by piazzas, the combined length of which is more than 600 feet. The upper piazza commands an extended view of Broadway, and ladies find it a pleasant retreat. Large elm and maple trees shade the front of the building. The large parlors, office and dining-room have windows opening upon Broadway. The rooms are conveniently arranged and well equipped for families and single guests, and are furnished in modern style. Mr. H. W. Slocum is the proprietor.

## SARATOGA ILLUSTRATED.

### Howland House

Is an excellent boarding house on North Broadway, nearly opposite the Waverly House and Mt. McGregor Railway Depot. It is one of the finest boarding houses in Saratoga, and is in the most charming part of the most beautiful avenue of the village. The house has a very fine piazza fronting Broadway and commanding a delightful view. In this large mansion, with its spacious and commodious rooms, broad piazzas surrounded by magnificent shade-trees, and with the brilliant equipages that make up the daily pageant on the broad avenue on which the house fronts, one can have a full experience of the enjoyments of Saratoga summer life. It is indeed a delightful summer home. The proprietor, Mr. J. Howland, is one of Saratoga's most respected citizens, and has had several years' experience in caring for summer boarders.

### The Albemarle.

This is one of the best of the Saratoga summer hotels on the fashionable thoroughfare and promenade of the town. It is a cozy, comfortable, well-furnished hotel, conveniently and pleasantly situated in a good locality. Excellent accommodation is provided at very moderate prices. Major W. J. Riggs, a genial and popular army veteran, is now proprietor of the Albemarle, which has been established a number of years on South Broadway, nearly opposite the Windsor. The hotel experience of the present proprietor, extending over a quarter of a century, has been brought to bear with good results on the management of the house he now occupies, which bids fair to become one of the popular hotels in this vicinity. There are 35 single and double rooms for guests, a large, tastefully-furnished parlor and reception-room, a dining-room to seat 75 persons comfortably, a lofty portico with promenade 60 feet in length, and a wide piazza facing the garden, which is neatly laid out and made available for visitors. Every room throughout the house is substantially and comfortably furnished. The cuisine and attendance leave nothing to be desired in that direction. The terms at the Albemarle are \$2 to \$2.50 per day, \$10 to \$17 per week, with special terms for season visitors.

## SARATOGA ILLUSTRATED.

### Franklin House,

Situated on Church Street, first door west of Broadway, is new, commodious, centrally located, being near the railroad stations and chief attractions of Saratoga, and has accommodations for 100 guests. Mrs. S. W. B. Salisbury, the proprietor, has the faculty of making her guests feel at home, and gives them excellent food, with good comfortable rooms, at moderate prices. Open all the year.

### Holden House,

C. H. Holden, proprietor, is situated on Broadway, three doors north of the United States Hotel, in the most central part of the village and near all the principal springs. It is built of brick, and can accommodate 100 to 125 guests. Twenty new rooms have been added, and the whole house refurnished. Its central location and moderate prices for board make the Holden House a very desirable hotel for visitors who seek real comfort without extravagance. Excellent accommodations at reasonable prices.

### The Linwood.

The Linwood is unsurpassed for location, being situated on South Broadway, directly opposite the Windsor Hotel, and is accessible to all the principal hotels, and within one block of Congress and Hathorn Springs.

The house is furnished with all the modern improvements, including incandescent lights and electric bells. The rooms are large, well ventilated and lighted, and handsomely furnished in modern style. The parlor and dining-room are large and airy. The piazza is broad and roomy, and commands a view of the entire length of Broadway, the principal thoroughfare and most beautiful and frequented promenade in Saratoga. The table will be furnished with the best the market affords, and nothing will be left undone to promote the happiness and comfort of guests. Address S. M. Van Deusen, Proprietor, Saratoga Springs, N. Y.

## SARATOGA ILLUSTRATED.

### HOTELS AND BOARDING HOUSES IN SARATOGA SPRINGS.

<i>Names.</i>	<i>Location.</i>	<i>Acc.</i>	<i>Proprietors.</i>
Addison, The.....	17 Woodlawn Ave.....		R. Cranmer.
Adelphi Hotel.....	Broadway.....	200	Hayes & Brusinham.
Albemarle Hotel.....	Broadway.....	150	Major W. J. Riggs.
Albion.....	Front Street.....	50	W. P. Mahan.
Aldine Hotel.....	Broadway.....	150	
American Hotel.....	Broadway.....	300	Geo. A. Farnham.
Balch, W. S. ....	North Broadway.....	75	W. S. Balch.
Balcom, Mrs. M. M. ....	130 White Street.....		Mrs. M. M. Balcom.
Ballard, Mrs. M. ....	641 Broadway.....	50	Mrs. N. B. Sylvester.
Broadway House.....	Broadway and Grove Street.....		
Brotherson, Mrs. A. ....	Greenfield Avenue.....		Mrs. A. Brotherson.
Broughton, J. E. ....	47 and 51 William Street.....		J. E. Broughton.
Brown Cottage.....	Union Ave. and Circular St. ....		Mrs. W. I. Brown.
Bennett, Wm. A. ....	136 Spring Street.....		C. M. Bennett.
Burrows, G. R. ....	93 Circular Street.....		G. R. Burrows.
Carpenter, Mrs. C. S. ....	55 Phila Street.....		Mrs. C. S. Carpenter.
Carpenter, Mrs. E. ....	186 Regent Street.....		Mrs. E. Carpenter.
Circular Street House.....	Circular Street.....	75	G. R. Burrows.
Clarendon Hotel.....	Broadway.....	600	Averill & Gregory.
Cogswell, Julia M. ....	344 Broadway.....		Julia M. Cogswell.
Cole, Miss C. J. ....	150 Regent Street.....		Miss C. J. Cole.
Columbian Hotel.....	Broadway.....	200	Fred. Hemmle.
Commercial Hotel.....	Church and Railroad Place.....	200	Jno. J. Wandell.
Congress Hall.....	Broadway.....	1000	H. C. Clement.
Congress Park House.....	Broadway.....	80	H. W. Slocum.
Continental Hotel.....	Washington Street.....	200	E. S. Boswell.
Corral, Mrs. Harriet. ....	125 Phila Street.....		Mrs. Harriet Corral.
Cottage Hotel.....	95 Church Street.....		P. Costello.
Deuel, Mrs. E. ....	25 Rock Street.....		Mrs. E. Deuel.
Deuel, Mrs. W. B. ....	109 Phila Street.....		Mrs. W. B. Deuel.
Eagle Hotel.....	12 Lake Avenue.....		D. H. Noonan.
Elmhurst.....	Warren St. and Middle Ave. ....		Mrs. W. M. Carpenter.
Elmwood Hall.....	Front Street.....	80	Emory Potter.
Empire Hotel.....	Front and Rock Streets.....	100	S. O. Marsh.
Everett House.....	South Broadway.....	200	P. M. Suarez.
Fitchburg House.....	109 Henry Street.....		Casey Brothers.
Fitzgerald, J. C. ....	136 Circular Street.....		Mrs. J. C. Fitzgerald.
Flansburgh, Mrs. A. ....	50 Church Street.....		Mrs. A. Flansburgh.
Foley House.....	South Broadway.....		M. C. Foley.
Franklin House.....	Church Street.....	100	Mrs. S. W. Salisbury.
Garden View House.....	534 Broadway.....		Mrs. Carpenter.
Gilbert, Mrs. H. M. ....	59 Henry Street.....		Mrs. H. M. Gilbert.
Gillis, Robert.....	31 Caroline Street.....		Robert Gillis.
Grand Union Hotel.....	Broadway.....	2000	Woolley & Garrans.
Graves, D. A. ....	194 Elm Street.....		D. A. Graves.
Hall, Mrs. H. C. ....	182 Caroline Street.....		Mrs. H. C. Hall.
Hamilton's Med. Inst. ....	Franklin Street.....	100	Dr. Hamilton.
Hart, Rev. J. S. ....	Circular Street.....	25	Rev. J. S. Hart.
Hartwell, Mrs. S. A. ....	101 Washington Street.....		Mrs. S. A. Hartwell.
Healey, Mrs. J. J. ....	20 Woodlawn Avenue.....		Mrs. J. J. Healey.
Holden House.....	Broadway.....	100	C. H. Holden.
Hotel Balmoral.....	Mount McGregor.....		100 A. G. Bailey.
Hotel Flagler.....	Church and Woodlawn Ave. ....		
Hotel Todd.....	Broadway.....		Todd & Kirkpatrick.
Howland House.....	North Broadway.....	75	J. Howland.

SARATOGA ILLUSTRATED.

<i>Names.</i>	<i>Location.</i>	<i>Acc.</i>	<i>Proprietors.</i>
Hoyt's Hotel . . . . .	Caroline and Henry . . . . .		Lewis Sickler.
Hubbard, Mrs. C. A . . . . .	453 Broadway . . . . .		Mrs. C. A. Hubbard.
Heustis House . . . . .	South Broadway . . . . .	200	W. B. Heustis.
Kenmore, The . . . . .	North Broadway . . . . .		J. N. Ramsdell.
Kensington . . . . .	Union Avenue . . . . .	300	Paul C. Grening.
Lafayette . . . . .	Circular Street . . . . .		Mrs. M. A. Root.
Linwood House . . . . .	239 Broadway . . . . .	75	Mrs. S. M. Van Deusen
Mansion House . . . . .	Spring Av. & Excelsior Sp'g . . . . .	80	Miss S. T. Paul.
March, Miss E. M . . . . .	174 Regent Street . . . . .		Miss E. M. March.
Marston, Mrs. M. A . . . . .	29 Woodlawn Avenue . . . . .		Mrs. M. A. Marston.
Morey House . . . . .	Franklin Street . . . . .	40	Mrs. N. D. Morey.
Morse, M. E . . . . .	75 and 77 Spring Street . . . . .		M. E. Morse.
New England House . . . . .	125 Woodlawn Avenue . . . . .		W. F. Smith.
New York Hotel . . . . .	Lake Av. and Spring St . . . . .	75	S. F. Haight.
Oakwood Hall . . . . .	122 Regent Street . . . . .		H. Metzner.
O'Connor, Mrs. C. J . . . . .	449 Broadway . . . . .		Mrs. C. J. O'Connor.
O'Gorman, D . . . . .	20 and 22 West Congress . . . . .		D. O'Gorman.
Osborn House . . . . .	Front and Vandam Streets . . . . .		Dr. Harbinson.
Page, Mrs. H . . . . .	56 Washington Street . . . . .	80	Mrs. H. Page.
Pemberton, Mrs. M. A . . . . .	10 Federal Street . . . . .		Mrs. M. A. Pemberton
Pierce, Delia A . . . . .	2844 Broadway . . . . .		Delia A. Pierce.
Pleasant Home . . . . .	31 Federal Street . . . . .	50	Miss Cowdrey.
Putnam, Mrs. L. B . . . . .	497 Broadway . . . . .		Mrs. L. B. Putnam.
Record, Mrs. M. A . . . . .	74 Caroline Street . . . . .		Mrs. M. A. Record.
Regent Street House . . . . .	209 Regent Street . . . . .		Silas Barrett.
Saratoga Homeopathic Sanitarium . . . . .	69 and 71 Caroline Street . . . . .		Dr. Emma F. Ayers.
Scoville House . . . . .	Henry and Phila Streets . . . . .	50	Mrs. J. P. Scoville.
Spencer House . . . . .	11 Woodlawn Avenue . . . . .	50	C. P. Iproon.
Strong's Sanitarium . . . . .	Circular Street . . . . .	200	Dr. Strong.
Summer Rest . . . . .	Near Hathorn Spring . . . . .	40	M. E. Morse.
Sweeny's Hotel . . . . .	18 Railroad Place . . . . .		J. T. Sweeny.
Taylor, Mrs. J. A . . . . .	135 Division . . . . .		Mrs. J. A. Taylor.
Tefft House . . . . .	33 Franklin . . . . .	100	T. T. Tefft.
Temple Grove Sem . . . . .	Circular Street . . . . .	150	C. F. Dowd.
Thompson, Mrs. C. A . . . . .	34 Woodlawn Avenue . . . . .		Mrs. C. A. Thompson.
Thompson, Mrs. Jane . . . . .	61 Hamilton Street . . . . .		Mrs. Jane Thompson.
Thorn, Mrs. C. A . . . . .	87 Circular Street . . . . .		Mrs. C. A. Thorn.
Travers, D. J . . . . .	103 Circular Street . . . . .		D. J. Travers.
Trim Cottage . . . . .	61 Phila Street . . . . .		Mrs. H. P. Trim.
United States Hotel . . . . .	Broadway . . . . .	2000	Tompkins Gage & Co.
Vand'n'b'gh, Mrs. J. H . . . . .	131 Phila Street . . . . .		Mrs. J. H. V'nden'b'.
Van Veghten House . . . . .	64 Front Street . . . . .		Mrs. S. Van Veghten.
Vermont House . . . . .	Front and Grove Streets . . . . .	120	Mrs. Dyer.
Victoria Hotel . . . . .	194 Broadway . . . . .	250	A. W. Dieter.
Walworth Mansion . . . . .	North Broadway . . . . .		Mrs. Fraser.
Walworth, Mrs. Frank . . . . .	111 Phila Street . . . . .		Mrs. Fra'k Walworth.
Washburne House . . . . .	41 Washington Street . . . . .		A. S. Washburne.
Washington Hall . . . . .	North Broadway . . . . .	100	A. J. Starr.
Waverly Hotel . . . . .	North Broadway . . . . .	150	W. W. Slocam.
White Street Mansion . . . . .	White Street . . . . .	40	Mrs. A. M. Huntingdon
White Sulphur Spring . . . . .	Saratoga Lake . . . . .	60	T. C. Luther.
Wilder House . . . . .	109 Front Street . . . . .	50	Dennis O'Brien.
Willoughby . . . . .	North Broadway . . . . .		Mrs. Simpson.
Windsor Hotel . . . . .	Broadway . . . . .	300	Willard Lester.
Worden House . . . . .	Broadway . . . . .	300	W. W. Worden.
Woodlawn Cottage . . . . .	94 Woodlawn Avenue . . . . .		Mrs. Beers.



**GEYSER SPRING, SARATOGA SPRINGS, N. Y.**



## CHAPTER V.

### THE SPRINGS.

SCIENTIFIC and medical writers, during the many years that the Mineral Springs of Saratoga have been known, have fully reported upon their history, probable origin, and their chemical properties. A vast fund of information has been collected for the benefit of invalids, and others who visit them, and the total result may be examined in such detail as seems useful and desirable. Saratoga Springs, as a popular resort, has steadily grown in favor from year to year; and its magnificent prosperity must have some substantial and enduring foundation, or it would have faded into obscurity long since, before the unreasoning caprice of fashion. Its springs are the secret of its success. Its mineral waters flow in exhaustless abundance from year to year, and, though given away freely to all who care to ask for them, and, in bottles or barrels, sent to every State, and half over Europe, they run to waste in countless thousands of gallons. Upon these free-flowing rivers, bubbling from the hillside, or spouting in snow-white fountains half a hundred feet into the air, Saratoga has built her faith and her hotels, and has not been disappointed. While the waters flow, Saratoga will flourish and bloom in all the glory of splendid palaces. Added to these are the natural beauties of the place, and the quite as pleasing results that have sprung from mingled art and nature.

The valley in which the springs are found extends in a crescent shape from Ballston Spa to Quaker Springs, a distance of some seventeen miles. The village of Saratoga Springs is located in the very center of this valley, and includes all the most valuable and the most varied of these natural fountains.

## SARATOGA ILLUSTRATED.

### The Source of the Springs.

Geological and scientific people have spent much time in seeking to explain the origin or source of these waters. Rain-water is the usual source of spring-waters. It soaks down through porous soils and rocks till it meets clay, or harder rocks, impervious to fluids. It then, often under great pressure, follows such outlets as it may find, and eventually escapes upward to the surface through some fault or rift in the rocks. On its way it absorbs saline and other mineral substances and gases, and, loaded with them, it reaches the surface, charged in varying proportions, and having a fixed character as mineral water. These proportions do not change materially; and from year to year the waters flow unchanged, and produce on all who drink of them the same general effects.

A good authority on the geological aspect reports that "the northern half of Saratoga County is occupied by elevated ranges of Laurentian rocks. The Potsdam, Calciferous, and Trenton beds border upon the Laurentian, and appear in parallel bands through the central part of the county. In the southern part they are covered by slate-rocks.

"The Laurentian rocks, consisting of highly crystalline gneiss, granite, and syenite, are almost impervious to water, while the overlying Potsdam is very porous, and capable of holding large quantities. The spouting springs and deep wells in the southern part of the county—Geyser, Ballston, etc.—are found in the Potsdam sandstone, which, being covered in these places by the slate-rocks and shales, is of great depth."

From the surface downwards the strata are as follows: 1 Hudson River and Utica shales and slates; 2. Trenton lime stone; 3. Calciferous sand-rock; 4. Potsdam sandstone; 5. Laurentian formation of unknown depth. Of these the Laurentian alone is impervious to water, and forms the bottom or floor of the cistern which feeds the springs. The dip of the strata is to the south. In the northern part of the county are elevated ranges of Laurentian rock; thence going southward the successive strata crop out parallel to one another, until the village of Saratoga is reached. Here a *fault* occurs, the rocks being

## SARATOGA ILLUSTRATED.

Immersed to a great depth, and the strata to the south of the fissure being elevated above the corresponding rocks on the northern side of the cleft. The water percolating through the more porous strata, and finding its way southward along the floor of Laurentian rock, is checked here, and the surplus forced to the surface. The various springs are the outlets of this obstructed water, and their peculiarities and differences are doubtless acquired from the rock and soil through which they reach the surface.

The carbonic acid gas held in the water doubtless aids it in finding an outlet to the surface. Being confined under pressure it seeks to escape, and brings the water with it. If shut off for a moment, the gas will collect in the top of the pipe-wells in such quantities, and under such pressure, as to blow a steam-whistle. These geological facts have led to the supposition that the waters can be obtained by boring through the slates to the underlying sandstone, and in the case of some of the springs this has proved true, and remarkable supplies have been obtained.

### The Temperature of the Water

Does not vary more than a degree or so in the year, and, in the case of the Congress and Columbian, is 49° Fahr. Other springs are slightly lower or higher, and all are cool and agreeable in warm weather.

### The Appearance and Properties of the Water.

When first dipped from the wells, the water is limpid and pearly, and full of bubbles. That from the spouting wells gushes forth in creamy whiteness, and resembles soda-water in color and action. The gas quickly escapes, and the still water has a wonderful purity. When allowed to stand open in a glass or uncorked bottle, the transparent water becomes cloudy, a fine white skin forms on the surface, and, in a time, a reddish-brown precipitate is formed. A glass left empty, and not properly wiped dry, becomes coated with a white film of salts; and round the base of the spouting wells a white incrustation soon forms on the ground where the spray shivers and spatters on the stones. Left to

## SARATOGA ILLUSTRATED.

stagnate on the ground, the water soon becomes covered with a mineral film, that shines with metallic luster and colors, and resembling the tints formed by coal-oils on water. The brook and marsh near the Star Spring show many samples of this curious natural deposit. In cooking, the spring waters are worse than useless, unless made into that great American insanity known as "hot cakes." None but the stupid ever eat them.

The first taste of the waters is not always lovely. After the first blush, the water becomes exceedingly enjoyable and one is tempted to indulge too freely in the pungent, acidulous and salty mixture. The after-effects resemble those of soda water, and, if a large quantity is taken, there follows a sense of fullness, perhaps a slight giddiness in the head and a desire for sleep. These symptoms are only slight, and are soon removed by the discharges that follow; and afterward there comes increased appetite and a feeling of comfortable serenity that is very satisfactory. The various waters, when fresh, have a slightly different taste, and after due experiment one can readily discriminate between them. The iron waters have a slightly inky flavor, and some others leave a sweet taste in the mouth. The gas that bubbles from the surface of the water is fatal to animal life if taken in too large quantities, and it is said that fish cannot live in the water. A whiff of the gas blown in one's face acts as hartshorn, and gives a prickling sensation to the nose, that is supposed to be agreeable — to those who like it. The gas, though suffocating to the lungs when inhaled, is harmless in the water.

### The Commercial Value

Of the springs is a fair measure of their medicinal value. Property in mineral springs is costly. They are difficult to manage, they demand many thousands to properly tube them, and a good bottling plant involves a very large outlay. The more recent wells that have been bored are somewhat less expensive, but even a small tube costs \$6 a foot, and, as some of the pipes are three hundred feet deep, it is easy to see that mineral springs at the best are expensive pieces of property. Most of the springs are owned and managed by joint-stock companies, with a capital varying from a hundred thousand dollars to a million or more.

## SARATOGA ILLUSTRATED.

Some springs have proved anything but fountains of financial joy to their owners. Thousands of dollars have slipped into the salty tubes and never come back again. Other springs waste their acidity on the desert sand, and only dogs and cattle drink their slime-covered waters. The only profit that results from the springs is found in the sale of the water, in bottles and barrels, in distant places. At Saratoga Springs one may drink all one pleases, and carry it away by the pailful for the asking, or an optional fee to the dipper-boy. The outlook for the spring water business is said to be good in spite of the disasters that have overtaken some of the spring companies. The demand for pure natural mineral waters is steadily increasing. People are beginning to know the difference between the villainous compounds mixed in city cellars with marble dust, gas, and sea-water salts, and the pure, limpid, and pearly waters that here spring up to the sunlight from Nature's great laboratory. There is a sort of free fight going on between the chemical waters and the spring waters, and sensible people are rapidly learning which side to take, and are becoming cautious which they drink. There is no need to be deceived, even in distant cities, as the protected trade-marks on the corks of all the bottles show the real spring waters of whatever kind, and this, with the marks on the boxes and bottles, ought to make one safe in buying a half dozen, even if one lives in England, Australia or California. Another curious feature in this connection is the fact that no mixture, however skillfully put together, can exactly imitate the natural waters, nor can any mineral water from the chemists ever produce so good results as the same quantity of true spring-water. This is one reason why people flock to Saratoga in such vast crowds. They wish to select for themselves, and to use their own particular goblets, and to know certainly whereto they drink.

Concerning the chemical and medical properties of the Saratoga waters, a trustworthy authority may be quoted: "The principal constituents which give the special character to the cathartic springs are bicarbonates of magnesia and soda, and chloride of sodium; the tonic waters, bicarbonate of iron; the alterative waters. Iodide of sodium, chloride of potassium and

sodium, etc.; the diuretic waters, bicarbonate of lithia and protoxide of hydrogen.

"CARBONIC ACID,

"The spirit of the springs, not only contributes to the solubility of the salts contained in the waters, but also renders them more palatable and more agreeable to the stomach. It is the perfect solution of the ingredients which renders the water valuable. When once the gas has been driven off, and the water evaporated, ten times the quantity of rain water will not re-dissolve the salts. The strongest chalybeates of Europe are the least used, because they lack gas, and are hence heavy and unpalatable. The strongest known in the whole world, the Acqua Ferrara de Rio, in the Island of Elba, is entirely useless for medicinal purposes. The mineral waters of Saratoga contain more gas than any of the spas of Germany.

"Carbonic acid, being united with the vegetable alkali, forms our common saleratus; hence the reason why our cooks furnish a well-raised cake, merely by mixing flour with a solution of pot ash and sour milk. Here the acid of the milk, from a greater 'attraction,' joins itself to the alkali, liberating the carbonic acid gas, which, being driven off by the heat, puffs up every particle of dough. In the same way foaming lemonade, more delicious than soda, is made by adding lemon juice to the mineral waters of Saratoga.

"In mineral waters, carbonic acid is found in three different states. It is either 'bound' to certain bases, with which it forms carbonates—from these the gas does not escape when it is heated—& it is 'half-bound' or 'fixed,' forming sesquicarbonates or bicarbonates, from which compounds part of the gas is disengaged as soon as the water comes in contact with the air, and still more rapidly when it is heated; so that certain salts, only soluble as bicarbonates, and insoluble as carbonates, are precipitated as soon as the surplus atoms of carbonic acid are gone. Finally, it is contained in the waters 'free,' as gas, which escapes at the ordinary temperature, as soon as the water rises out of the earth, and the pressure under which it was held in the interior ceases.

## SARATOGA ILLUSTRATED.

" Before a storm, it has been noticed that more gas is evolved because the density of the air affects the atmospheric pressure.

" The gas seems only to travel through some of the springs while others are very firmly impregnated with it.

" **BICARBONATE OF MAGNESIA** is a mild laxative and a good astringent in acid or sour stomach, heart-burn, and sick headache, especially if the person is constipated.

" **BICARBONATE OF SODA** first diminishes the secretions, and subsequently increases them, the urine being most susceptible to its influence. It increases the alkalinity of the blood and of the secretion, and some physiologists tell us that it reduces the quantity of fibrin in the blood.

" **CARBONATE OF IRON** increases the number of red corpuscles in the blood, stimulates the appetite, and excites the heart's action. It has a tendency to constipate.

" **CHLORIDE OF SODIUM** forms part of every tissue of the body except, perhaps, the enamel of the teeth. It increases the solubility of the albumen of the blood, and prevents a too rapid destruction of the red corpuscles. It increases the flow of the gastric juice and bile, and promotes the interchange of the fluids in the body, which physiologists call *osmosis*. It augments the quantity of urine secreted. It is also known to exercise a marked influence on the growth of the hair. When an animal does not receive a proper quantity of salt, the hair becomes rough and wiry. In too large quantities it causes irritation of the stomach and intestines.

" **CHLORIDE OF POTASSIUM** is common to the blood and to certain tissues, as the muscles and the red discs, while the chloride of sodium exists in the serum. Congress water contains eight grains of chloride of potassium, a similar proportion to that found in the blood. Its medicinal action is analogous to that of chloride of sodium.

" The other important ingredients are bicarbonate of lithium, the iodides and bromides, the bicarbonate of lime, etc. The great problem among physicians is how to cause their medicines to be absorbed when taken into the system. Many of the ingredients of mineral springs would be almost inert in a state of powder, but when held in solution in mineral water are admitted

to the inner coats of all the blood-vessels, and are powerful alteratives of the entire system, as the experiments of Dr. Beaumont have clearly shown.

" There are two methods of testing an agent that is to be introduced into the *materia medica*, viz.: By careful watching and recording the therapeutical effects of the article on individuals, and by chemical analysis. The latter criterion is probably a more fallacious guide than is generally supposed. How often has the practitioner been surprised at the augmented or diminished effect of some off-hand combination, that would be wholly unlooked for by estimating the separate agency of each article. So of mineral waters. Chemical analysis cannot decide the exact medicinal effects of a new spring independently of a faithful observation of its operations; for many medicines, such as oxide of iron, carbonate of iron, phosphorus, etc., pass through the alimentary passages with very little absorption.

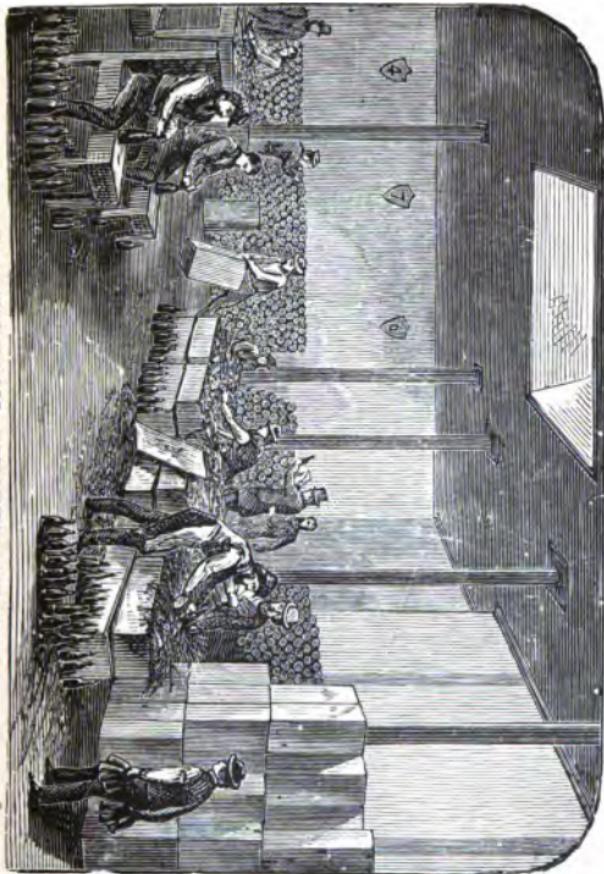
" THE ANALYSES

" Which we present herewith have been made by Professor C. F. Chandler, Ph. D., of the Columbia School of Mines.

" The analyses which Dr. Chandler has furnished have been prepared with great labor, care, and expense, and are the *only ones* which represent the waters as they are to-day.

" The minerals are contained in the spas as salts. Chemical analysis, however, merely shows the elements, the acids, and the bases which are present in the water, but not the mode of their combination. It has, therefore, often happened that if several chemists have analyzed the same spas, and found the same ingredients, the tabular view of the contents given by them have nevertheless been different, as they adopted different modes of combination.

PACKING-ROOM, CONGRESS SPRING.



BARATOGA ILLUSTRATED.

The Analyses of the Saratoga Waters, by C. P. Chamber, Ph.D., of the Columbia School of Mines.

Compounds as they exist in Solution in the Spouting Waters.	Champion Spring.	Congress Spring.	Empire Spring.	Excel- sior Spring.	Geyer Spring.	Hathorn Spring.	High Rock Spring.	Pavilion Spring.	Star Spring.	Triton Spring.	United Spring.	Vichy.
Chloride of sodium....	400.444	506.630	370.643	542.080	509.968	390.197	459.905	388.301	458.299	182.689	141.113	
Chloride of potassium....	40.445	8.049	4.266	7.000	42.634	9.597	8.974	9.666	16.950	8.738	1.307	(0.940)
Bromide of sodium....	8.579	8.559	0.266	2.212	1.584	0.731	0.987	0.571	1.800	0.430	0.043	
Iodide of sodium....	0.234	0.188	0.006	4.235	0.248	0.198	0.086	0.071	0.134	Trace.	Trace.	
Fluoride of calcium....	Trace.	Trace.	2.060	11.447	9.004	9.486	9.486	5.129	9.805	1.760	Trace.	
Bicarbonate of lithium....	6.947	4.761	9.022	15.000	71.232	4.928	34.888	8.754	12.462	67.617	17.010	82.73
Bicarbonate of soda....	17.621	10.773	42.953	82.883	149.343	176.463	54.924	76.207	61.912	70.470	106.686	41.503
Bicarbonate of magnesia.	198.913	121.757	109.656	77.000	168.382	170.646	131.739	130.159	194.459	140.260	96.708	96.823
Bicarbonate of lime....	227.070	143.399	109.656	77.000	168.382	170.646	131.739	130.159	194.459	140.260	96.708	96.823
Bicarbonate of strontium....	0.082	Trace.	Trace.	0.425	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.
Bicarbonate of baryta....	2.083	0.928	0.075	2.014	1.787	0.484	0.875	0.086	0.993	1.718	0.595	
Bicarbonate of iron....	0.647	0.340	0.783	3.215	0.710	1.138	1.478	2.570	1.213	1.887	0.219	0.053
Sulphate of potassium....	0.253	0.854	2.760	0.313	Trace.	1.608	2.029	5.400	1.400	1.818	Trace.	
Phosphate of soda....	0.010	0.016	0.028	Trace.	0.006	Trace.	0.007	Trace.	0.006	Trace.	0.026	
Biborate of soda....	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	
Alumina....	0.458	0.418	0.145	4.000	0.685	1.291	0.829	1.223	0.829	0.384	0.473	
Silica....	0.699	0.840	1.145	.....	Trace.	1.260	2.350	3.185	1.283	1.280	2.633	0.759
Organic matter....	Trace.	Trace.	.....	.....	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	
Total per U. S. gal- lon, 331 cu. in.	1196.582	700.885	680.436	514.746	901.543	888.403	690.500	687.275	617.307	644.687	701.174	387.326
Carbonic acid gas....	465.468	392.380	644.669	250.000	454.083	375.747	409.458	388.456	407.650	361.800	384.900	385.071
Density....	1.096	1.096	1.096	1.096	1.0115	1.0115	1.0092	1.0092	1.0092	1.0091	1.0091	1.0091
Temperature....	46° F.	46° F.	46° F.	46° F.	46° F.	46° F.	46° F.	46° F.	46° F.	46° F.	46° F.	46° F.

\* As analyzed by the late R. L. Allen, M.D., of Saratoga Springs.

**SABATOGA ILLUSTRATED.**

Bases and Acids, as actually found Congress in the Analysis, uncombined.		Crystal Springs.		Geyser Spouting Spring.		Hathorn Spring.		High Rock Spring.		Pavilion Spring.		Seltzer Spring.		Star Spring.		United States Spring.	
Potassium, c.m.	4.611	5.226	18.089	5.024	5.410	4.981	0.919	7.496	4.515	5.496	57.359	160.013	160.013	160.013	57.359	57.359	
Sodium.....	162.321	183.001	251.031	202.188	163.216	182.084	61.003	160.013	0.163	0.163	0.163	0.490	0.093	0.093	0.093	0.490	0.490
Lithium.....	0.490	0.445	0.720	1.173	0.202	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.000	0.000	0.000	0.000	0.000
Lime.....	49.469	35.213	58.901	59.989	45.540	41.540	31.086	43.084	32.189	32.189	32.189	32.189	0.000	0.000	0.000	0.000	0.000
Strontia.....	Trace.	Trace.	0.211	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.
Berrya.....	0.549	0.429	1.190	1.086	0.292	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
Magnesia.....	33.388	30.512	40.915	48.946	15.048	30.190	11.051	16.993	19.968	19.968	19.968	19.968	0.000	0.000	0.000	0.000	0.000
Protoxide of Iron	0.197	0.394	0.396	0.456	0.588	1.040	0.680	0.680	0.680	0.680	0.680	0.680	0.491	0.491	0.491	0.491	0.491
Ammnia.....	Trace.	0.315	0.315	0.131	1.323	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.674	0.674	0.674	0.674	0.674
Chlorine.....	346.824	303.321	352.825	314.057	341.017	289.728	82.126	246.357	90.301	90.301	90.301	90.301	0.000	0.000	0.000	0.000	0.000
Bromine.....	6.446	5.322	1.718	1.188	0.568	0.767	0.488	0.443	0.656	0.656	0.656	0.656	0.039	0.039	0.039	0.039	0.039
Iodine.....	0.117	0.155	0.204	0.168	0.073	0.050	0.026	0.026	0.106	0.106	0.106	0.106	0.000	0.000	0.000	0.000	0.000
Fluorine.....	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.
Sulphuric acid.....	0.409	0.973	0.146	0.739	0.934	0.934	0.256	2.483	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Phosphoric acid.....	0.008	0.001	Trace.	0.008	Trace.	0.004	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.
Boracic acid.....	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.
Carbonic acid in carbonates.....	80.349	112.880	104.986	63.655	60.461	44.894	66.906	66.906	66.906	66.906	66.906	66.906	0.000	0.000	0.000	0.000	0.000
Carbonic acid, for bicarbonates.....	62.243	54.484	112.880	104.986	63.655	60.461	41.984	66.106	50.380	50.380	50.380	50.380	0.000	0.000	0.000	0.000	0.000
Silica.....	3.213	0.655	1.960	2.950	3.155	2.561	1.283	3.184	1.283	1.283	1.283	1.283	0.000	0.000	0.000	0.000	0.000
Organic matter.....	0.840	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.	Trace.
Water in bicarbonates.....	43.828	32.495	46.183	42.929	36.591	34.736	18.406	23.160	20.618	20.618	20.618	20.618	0.000	0.000	0.000	0.000	0.000
Oxygen in KO <sub>3</sub> (SO <sub>4</sub> ) <sub>2</sub> .....	0.082	0.199	0.089	0.148	0.187	0.051	0.496	0.496	0.496	0.496	0.496	0.496	0.000	0.000	0.000	0.000	0.000
Oxygen in LiO(H <sub>2</sub> O) <sub>2</sub> (O <sub>4</sub> ) <sub>2</sub> .....	0.560	0.659	0.834	1.347	0.939	1.119	0.197	0.197	0.197	0.197	0.197	0.197	0.000	0.000	0.000	0.000	0.000
Oxygen in NaO(HO <sub>2</sub> C <sub>2</sub> O <sub>4</sub> ) <sub>2</sub> .....	1.024	0.959	6.785	0.408	8.323	0.351	1.306	1.306	1.306	1.306	1.306	1.306	0.000	0.000	0.000	0.000	0.000
Oxygen in 2 NaO(HO <sub>2</sub> C <sub>2</sub> O <sub>4</sub> ) <sub>2</sub> .....	0.002	.....	.....	0.001	.....	0.001	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total per U. S. gallon, 331 cu. in. ....	891.848	898.403	833.498	746.380	630.500	637.275	302.007	617.267	831.867	831.867	831.867	831.867	0.000	0.000	0.000	0.000	0.000
Total residue by evaporation... ..	898.818	459.670	831.413	746.380	633.380	638.050	238.970	657.800	830.800	830.800	830.800	830.800	0.000	0.000	0.000	0.000	0.000

## SARATOGA ILLUSTRATED.

### "The Medicinal Action

Of mineral waters differs in almost every respect from that of cathartics and diuretics, or eliminators in the *materia medica*. Medicines frequently act by counter-irritation, curing one organ by exciting and irritating another. Ordinary cathartics, diuretics and diaphoretics are composed of substances foreign to the system, and they act partly by their poisonous effects. The most important ingredients of the Saratoga waters are natural to the body, and are also powerful oxydizers of the disintegrated tissues carrying out of the body the waste matter. Mineral waters are similar to the blood, minus its organic constituents, and are true *restorative* medicines, as well as powerful modifiers of the tissues themselves; and these properties, and their gentle mode of action, constitute no small degree of their extraordinary merit.

"Saratoga water is a cholagogue in its properties—that is, it stimulates the action of the liver, and promotes the excretion of bile. Certain matters are secreted by that organ, which, if allowed to remain in the system, produce such diseases as jaundice. A great number of intestinal diseases and blood disorders are associated with derangements of the functions of the liver.

"The waters are not only laxative or aperient, but are also diuretic, antacid, deobstruent, alterative, and tonic.

"They increase the force of the heart and arteries, promote digestion, favor the action of the nutrient vessels, increase the peristaltic movement of the bowels, cleanse the system through the granular organs, and impart strength and vigor."

### The Diseases Affected by the Waters

Are numerous. To give a list in detail would be useless and confusing, and perhaps harmful. There is but one course to pursue in drinking the spring waters for the health's sake. Consult a resident physician, let him make a diagnosis of your case, and, under his advice, select the particular spring of most value to you, and govern yourself, in all things, by his experience and acquaintance with the waters. The medical staff of Saratoga Springs is excellent, and one may rely on their ability to assign

## SARATOGA ILLUSTRATED.

and direct. A great many people make the mistake, upon their first visit to Saratoga Springs, of drinking promiscuously at a number of springs, and in such large quantities as to prove actually injurious rather than beneficial. To receive benefit from a use of these waters, they must be used discreetly and judiciously, and not to excess. Above all, do not be led away by the gratuitous advice of persons who have been benefitted by these waters, but who are not possessed of sufficient medical knowledge to give a reason for their belief in any particular spring.

Concerning the directions for their use, much the same thing may be said. As well try to give advice in making prescriptions for the general public. Each user of these healing waters must in a measure, be a law unto himself. To drink any and all of the waters would be simply unreasonable. Seek proper advice, and then follow it, and be not led aside by the enthusiasm of some invalid who, having been restored to health by some particular spring, thinks it a cure for all diseases, whether they are allied to his special case or not. To persons in perfectly good health the waters do no particular harm, even if indulged in freely. At the same time, there is reason in all things, and if one is really unwell, there is but one thing to do—consult a medical man.

The late Dr. Steel wrote in 1837: "The waters are so generally used, and their effects so seldom injurious, particularly to persons in health, that almost every one who has ever drank of them assumes the prerogative of directing their use to others. Were these directions always the result of careful experience and observation they would be less objectionable; but there are numerous persons who flock about the springs without any positive knowledge of the composition and effect of the waters who contrive to dispose of their directions, many times to the detriment of those who desire to be benefited, but who are thus disappointed in the use of the water."

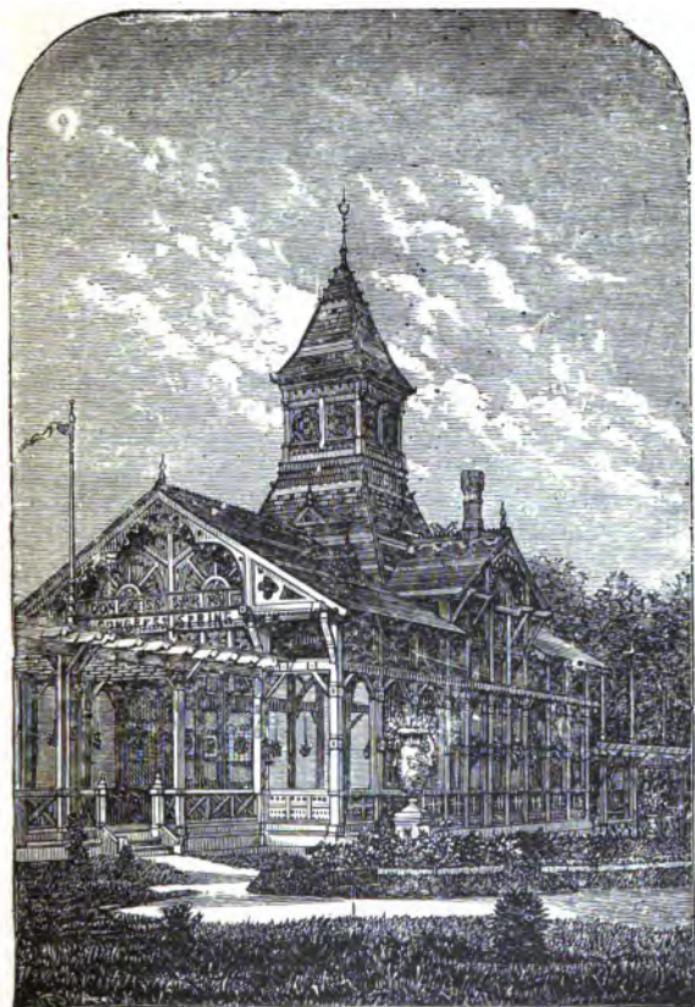
In speaking of springs in detail, they will be taken in alphabetical order, as being the most convenient.

**Congress Spring.**

This spring is located in Congress Spring Park, opposite the southern end of Congress Hall. There is an artistic and very beautiful pavilion built over it to protect visitors from sun and rain. The principal entrance to the spring-house is at the grand entrance to the Park, near Broadway. On entering the Park, turn to the left, pass along the arbor-like colonnade to the pavilion about the spring, where seats are provided, and the spring water, drawn by a novel process, is served upon small tables by the attendants. Visitors will find this method of obtaining the waters far more agreeable than the old way followed at the other springs, as they can partake leisurely while seated, without being jostled by the crowd, and enjoy the beautiful view of the Park and the delightful music by the Park Band. By descending a few steps to the east, along the colonnade to the *café*, hot coffee and other refreshments may be obtained at moderate prices. The waters of the Congress and Columbian springs are supplied free to all visitors of the Park. Admission to the Park is regulated by tickets, for which a merely nominal charge is made. All the attractions of the Park are open to visitors who pay the entrance fee.

Congress Spring is more generally known and used than any of the other Saratoga springs, and has probably effected more cures of the diseases for which its waters are a specific, than any other mineral spring in America. It was discovered in 1792. The waters were first bottled for exportation in 1823, by Dr. John Clarke, of New York, who purchased the spring from the Livingston family, who held it under an ancient grant. The property was purchased of Dr. Clarke's executors in 1865, by the Congress Spring Company, the present proprietors.

The medicinal effects of Congress water have been tested for nearly a century, and its use is prescribed by physicians, with the utmost confidence, after long knowledge of its great efficacy, and the entire comfort and safety with which it may be used. To professional men and others whose occupations are sedentary, and to all sufferers from the various forms of bilious disorders, it is invaluable. It contains of the laxative salts (chloride of sodium and bicarbonate of magnesia) enough to render its effects certain



**CONGRESS SPRING PAVILION.**

**ERECTED, 1876.**

## SARATOGA ILLUSTRATED.

without the addition or use of cathartic drugs; and it produces free and copious evacuations without in any manner debilitating the alimentary canal or impairing the digestive powers of the stomach. At the same time it does not contain an excess of those salts, the presence of which in the cruder mineral waters, native and foreign, often renders them drastic and irritating, producing very serious disorders.

In connection with a recent analysis of Congress Spring, Prof. C. F. Chandler remarks, that "the superior excellence of this water is due to the fact that it contains, in the most desirable proportions, those substances which produce its agreeable flavor and satisfactory medicinal effects—neither holding them in excess nor lacking any constituent to be desired in this class of waters. As a *cathartic* water, its almost entire freedom from iron should recommend it above all others, many of which contain so much of this ingredient as to seriously impair their usefulness." Prof. Chandler also remarks, that a comparison of his analysis with that by Dr. JOHN H. STEEL, in 1832, proves that the Congress water still retains its original strength, and all the virtues which established its well-merited reputation.

### ANALYSIS OF CONGRESS SPRING WATER.

BY PROF. C. F. CHANDLER.

One United States gallon of 231 cubic inches contains:

Chloride of Sodium.....	400.444 grains.	Bromide of Sodium.....	8.559 grains.
Chloride of Potassium...	8.049 "	Iodide of Sodium.....	0.138 "
Bicarbonate of Magnesia	131.757 "	Sulphate of Potassa. ...	0.889 "
Bicarbonate of Lime....	143.399 "	Phosphate of Soda.....	0.016 "
Bicarbonate of Lithia....	4.761 "	Silica .....	0.840 "
Bicarbonate of Soda....	10.775 "	Fluorido of Calcium.	
Bicarbonate of Baryta..	0.928 "	Biborate of Soda,	each a trace.
Bicarbonate of Iron....	0.340 "	Alumina,	
Bicarbonate of Strontia, a trace.		Total.....	700.895 grains.
Carbonic Acid Gas.....			392.289 cubic inches.

It should be remembered that this water is never sold in barrels. Genuine Congress water is sold only in bottles. In this form it is sent to almost every part of the world, and its name is a household word.

## SARATOGA ILLUSTRATED.

### Columbian Spring.

This Spring is located in Congress Spring Park, just west of the park entrance and a little nearer Broadway. It is covered by a beautiful and artistic pavilion, and is approached through the park entrance to the right, or down a few steps from Broadway, opposite Columbian Hotel. The Spring is owned by the Congress Spring Company. It is a fine chalybeate mineral water, and possesses singularly active properties in certain diseases.

It is said to be especially valuable in liver complaints, *lyspepsia*, *erysipelas*, and all cutaneous disorders. As a tonic water for frequent use, no spring in Saratoga is so popular as the Columbian.

The water is recommended to be drank in small quantities frequently during the day, generally *preceded* by the use of the cathartic waters taken before breakfast. Only from one-half to one glass should be taken at a time. When taken in large quantities, or before breakfast, a peculiar headache is experienced.

The proper use of this water will strengthen the tone of the stomach, and tend to increase the red particles of the blood which, according to Liebeg, perform an important part in respiration. Though containing but 5.58 grains of iron in each gallon, this water has a perceptible iron taste in every drop. Is it much to be wondered at, then, that a mineral which has so great a power of affecting the palate should possess equally potent influence upon the whole system? The happy medicinal effects of these iron waters seem to consist, to some extent, in the minute division of the mineral properties, so that they are readily taken into the system. The water is exported largely, and descriptive pamphlets, containing full directions for drinking the water, may be obtained at the Company's office opposite Congress Spring.

### ANALYSIS OF COLUMBIAN WATER, BY PROF. E. EMMONS.

Specific gravity 1007.3. Solid and gaseous contents as follows:

Chloride of Sodium.....	267.00 grains.	Carbonate of Lime.....	68.00 grains.
Bicarbonate of Soda.....	15.40 "	Carbonate of Iron.....	5.58 "
Bicarbonate of Magnesia	46.71 "	Silex.....	2.05 "
Hydriodate of Soda.....	2.06 "	Hy'o-Bro'ate of Pot. scarcely a trace.	
Solid contents in a gallon.....			407.30 grains.
Carbonic Acid Gas.....			272.06 inches.
Atmospheric Air.....			4.50 "
			276.56 inches.

## SARATOGA ILLUSTRATED.

### The Empire Spring.

This spring, one of the best in Saratoga, is located in the north part of the shallow valley that runs through the village. To reach it from Congress Hall, follow Broadway north to the first street north of Town Hall; then to the right, then left, through Front street, down the hill, to the large bottling-house at the foot of the hill. This spring is in a pavilion before the building. For full information concerning this spring, call at the office.

Although the existence of mineral water in this locality was known for a long time, it was not until 1846 that any one thought it worth the necessary expense of excavation and tubing. The rock was struck twelve feet below the surface of the earth, and so copious was the flow of water that the tubing proved to be a work of unusual difficulty. When once accomplished, the water flowed in great abundance and purity. It soon attracted the attention of medical men, and was found to possess curative properties which rendered it available in diseases which had not before been affected by Saratoga waters. It has proved itself adapted to a wide range of cases, especially of a chronic nature, and its peculiar value is recognized by eminent medical men. Its general properties closely resemble the Congress, although from the presence of a larger quantity of magnesia in the Congress water, the operation of the latter is perhaps somewhat more pungent.

The Empire Spring water is a great favorite with many people, being preferred for its mild but positive medicinal effects.

#### ANALYSIS OF EMPIRE SPRING WATER,

BY PROF. C. F. CHANDLER.

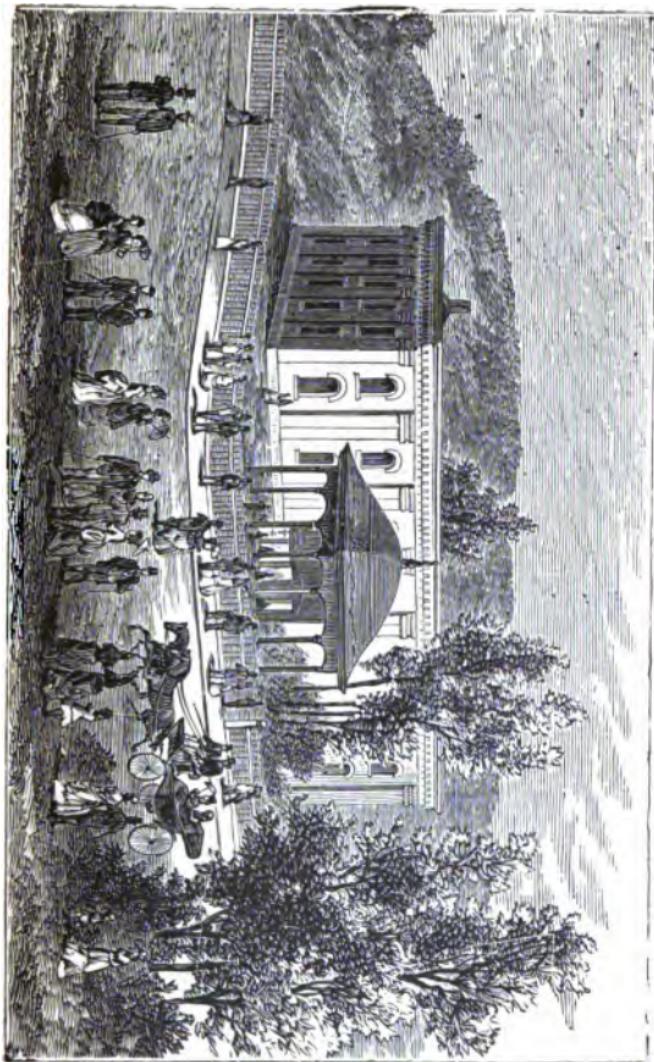
One United States gallon of 231 cubic inches contains:

Chloride of Sodium...	506.630	grains.	Bromide of Sodium.....	0.266	grains.
Chloride of Potassium	4.292	"	Iodide of Sodium.....	0.006	"
Bicarb. of Magnesia...	42.953	"	Sulphate of Potassa...	2.769	"
Bicarbonate of Lime ..	109.656	"	Phosphate of Soda....	0.023	"
Bicarbonate of Lithia.	2.080	"	Silica.....	1.145	"
Bicarbonate of Soda..	9.022	"	Alumina .....	0.418	"
Bicarbonate of Baryta	0.075	"	Fluoride of Calcium,		
Bicarbonate of Iron...	0.793	"	Biborate of Soda,		each a trace.
Bicarbonate of Strontia,	a trace.		Organic Matter,		

Total..... 680.436 grains.

Carbonic Acid..... 344.699 cubic in.

EMPIRE SPRING.



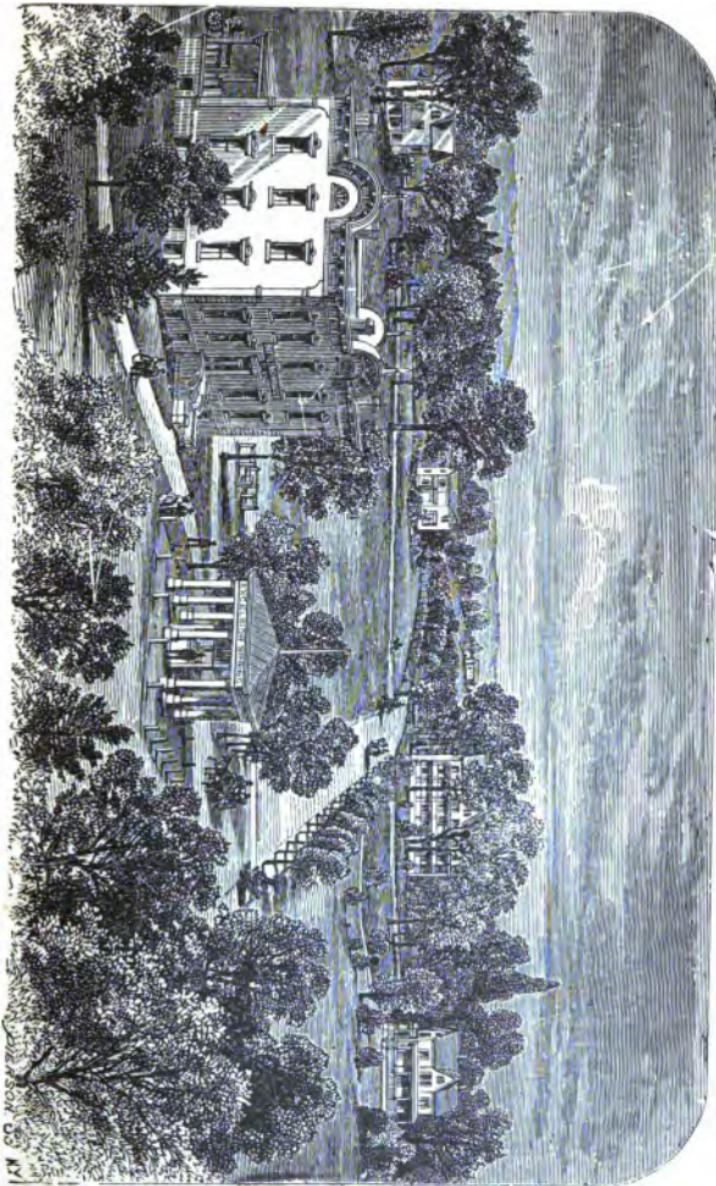
**Excelsior Spring,**

Is found in a beautiful valley, amid picturesque scenery, about a mile east of the town hall, and near the centre of Excelsior Park. The principal park entrance is on Lake Avenue, half a mile from Circular street, or we may approach it by Spring Avenue, which will lead us past most of the principal springs, and the Loughberry Water Works with its famous Holly Machinery, by which the village is supplied with an abundance of the purest water from the Excelsior Lake. Leaving the Water Works, we see just before us, as the avenue bends towards the Excelsior Spring, the fine summer hotel known as the Mansion House. Surrounded by its grand old trees and beautiful lawn, it offers an inviting retreat from the heat and dust of our crowded cities.

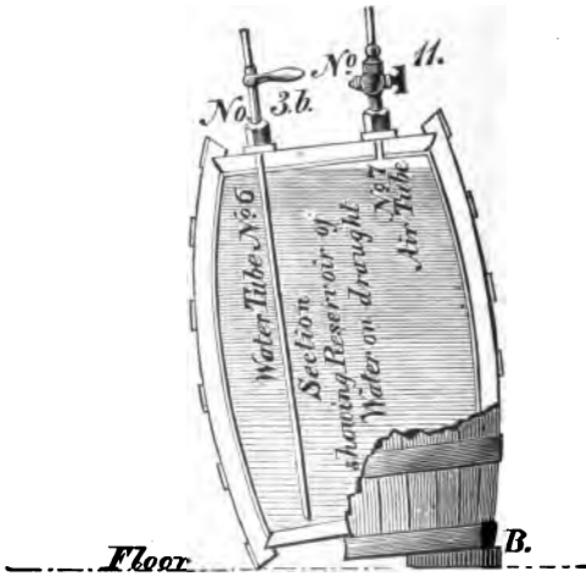
The spring is covered by a very tasteful pavilion, which will be noticed just east of the little stream, and in front of the large bottling house beside the grove. The Union Spring is a little northwest of the Excelsior, and but a few steps removed. This valley, in which these two springs are situated, was formerly known as the "Valley of the Ten Springs," but the present owners, after grading and greatly beautifying the grounds, changed its name in honor of the spring to Excelsior Park.

The Excelsior Spring has been appreciated for its valuable qualities by some of the oldest visitors of Saratoga for at least half a century. Many noted cures, among the older residents of the town, were effected by the use of this water before it was introduced to the general public. The water, however, was not much known to the public until 1859, when Mr. H. H. Lawrence, the former owner, and grandfather of the present proprietor, retubed the Spring in the most thorough manner—the tubing extending to a depth of fifty-six feet, eleven of which are in the solid rock. By this improvement the water flows with all its properties undeteriorated, retaining from source to outlet its original purity and strength. For several years the Excelsior Spring water has steadily increased in public favor, until now its sale has become very large, and it is to be found on draught, or in bottles, in nearly all the principal cities and towns of the United States. We must not fail to notice the perfect

View of EXCELSIOR SPRING, and a portion of EXCELSIOR PARK.  
WATKINS SPRINGS, N.Y.



and very ingenious method, invented by the proprietors of this spring, for bottling and barreling the water. In the large and well-lighted cellar of the bottling-house is a circular brick vault in whose depths the process of filling is performed. A block-tin tube conveys the water directly from the spring to this vault, at a depth of twelve feet from the surface of the ground. By hydrostatic pressure the water is forced from the main tubing of the spring through the smaller tube to the brick vault into air-tight barrels, or reservoirs, lined with pure block-tin. These reservoirs contain two tubes, one of which extends from the top to the bottom of the barrel, the other being shorter. When these reservoirs are connected with the tube leading from the



spring, the water is forced by hydrostatic pressure through the long tube into the barrel, and the air is driven out through the shorter tube, while the gas of the water is not allowed to escape. To draw the water from the reservoirs, it is only necessary to attach the draught tube to the long tube of the barrel, and connect the shorter one with an air pump, when the pressure of the air will force out the water, without its being recharged with gas—pure, sparkling, and as delicious as though it were taken

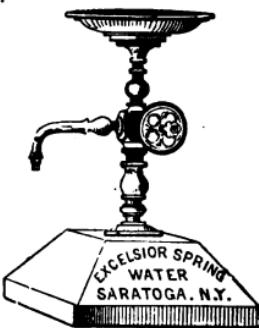
## SARATOGA ILLUSTRATED.

directly from the spring. The value of the waters is universally conceded, and they have <sup>already</sup> **ON DRAUGHT.**

**IN BOTTLES.**



**BOTTLE MARK.** is also delicious as a beverage. As a cathartic, two or three glasses before breakfast will be a sufficient dose, while, as an alterative or diuretic, small draughts throughout the day will be found beneficial.



**TRADE MARK.**



### ANALYSIS OF THE "EXCELSIOR" SPRING WATER.

As analyzed by the late R. L. ALLEN, M.D., of Saratoga Springs.

Chloride of Sodium.....	370.642 grains	Sulphate of Soda.....	1.321 grains
Carbonate of Lime.....	77.000 "	Silicate of Soda.....	4.000 "
Carbonate of Magnesia...	32.333 "	Iodide of Soda.....	4.235 "
Carbonate of Soda.....	15.000 "	Bromide of Potassa.....	a trace.
Silicate of Potassa.....	7.000 "	Sulphate of Strontia.....	a trace.
Carbonate of Iron.....	3.215 "		

Solid contents in a gallon.....  $514\frac{146}{1000}$  grains

Carbonic Acid..... (cubic inches) 250

Atmosphere..... 3

Gaseous Contents..... 263 cubic in.

## SARATOGA ILLUSTRATED.

### Union Spring,

near the center of Excelsior Park, is about ten rods northwest of Excelsior Spring. It was originally known as the "Jackson" spring, and is described under that name by Dr. John H. Steele in his work on the Mineral Waters of Saratoga and Ballston, published by Dr. Steele at Albany in 1819. The water was, however, but imperfectly secured until the present proprietors had the spring retubed in 1868. The water of the Union Spring acts as a mild cathartic when taken before breakfast. Drank at other times during the day it is a very agreeable and healthy beverage. Prof. C. F. Chandler, the distinguished chemist, says: "This water is of excellent strength. It is specially noticeable that the ratio of magnesia to lime is unusually large, which is a decided advantage. The water is also remarkably free from iron, a fact which is a great recommendation." The water is put up in bottles for shipping to any part of the world. It is also sold in Lawrence's Patent Reservoirs (barrels lined with pure block tin), containing about thirty gallons each. The reservoirs are very strong and perfectly gas tight, and retain the water with all its natural Carbonic Acid Gas. From these reservoirs the water can be forced out, under atmospheric pressure, in its natural condition, sparkling with Carbonic Acid Gas as it flows from the spring at Saratoga, in the same manner in which the Excelsior water on draught is so very widely and favorably known.

#### ANALYSIS OF THE UNION SPRING WATER,

BY PROF. C. F. CHANDLER.

Laboratory of the School of Mines, COLUMBIA COLLEGE,  
New York, March 26, 1874.

The sample of Mineral Water taken from the UNION SPRING, Saratoga, contains in one U. S. Gallon of 231 cubic inches:

Chloride of Sodium.....	453.299 grains.	Bicarbonate of Baryta.	1.703 grains
Chloride of Potassium...	8.733 "	Bicarbonate of Iron...	0.249 "
Bromide of Sodium.....	1.307 "	Sulphate of Potassa...	1.618 "
Iodide of Sodium.....	0.039 "	Phosphate of Soda....	0.026 "
Fluoride of Calcium.....	trace.	Biborate of Soda.....	trace.
Bicarbonate of Lithia....	2.605 "	Alumina.....	0.324 "
Bicarbonate of Soda....	17.010 "	Silica.....	2.053 "
Bicarbonate of Magnesia.	109.685 "	Organic Matter.....	trace.
Bicarbonate of Lime....	96.703 "		
Bicarbonate of Strontia.	trace.	Total Solid Contents.	701.174 grains.

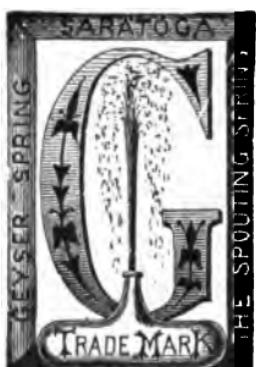
Carbonic Acid Gas in one gal., 384.969 cubic inches. Temp., 48 deg. F.

## SARATOGA ILLUSTRATED.

### Facilities for Reaching Excelsior Park.

The drives to the Excelsior Spring and Park, by way of Lake and Spring Avenues, have already been described, but every visitor should know that there are other attractive ways of reaching this most beautiful suburb of Saratoga.

First, we must mention the advantages afforded the public by the Saratoga Lake Railway and its Excelsior Spring Station, by which the sojourner at Saratoga, is enabled to go and return in a brief space of time, during any portion of the day. Then pedestrians, and lovers of the picturesque, will find a **WOODLAND WALK** at the termination of York Avenue, by following which in an easterly direction for about half a-mile, among tall pines and other forest trees, they will reach the Excelsior Spring, in the central portion of the Park. Those wishing to return by a different route, or fatigued by their ramble, may avail themselves of the railroad to the village, or take the trip to Saratoga Lake. Besides this favorite woodland path to Excelsior Spring, Mr. Lawrence has opened a **BRIDLE PATH** and Carriage Drive, entering the woods at the intersection of East and York Avenues. The bridle path skirts the brow of the hill, affording occasional glimpses, through a frame work of leaves, of the green meadows to the north, and the silvery surface of Loughberry Lake. Both the bridle path and the carriage drive bring out on Excelsior Spring Avenue, on the summit of the high hill, south of the Excelsior Spring. Here we have an extensive view to the east of the Green Mountains of Vermont, and the nearer hills of Washington County, N. Y. A little further on, as the carriage road reaches the brow of the hill, the lovely valley stretches before us. If the rich glow of a summer sunset is still resting upon the distant hills, we shall be apt to feel that we have at last found the "Happy Valley." Below us lies the lovely vale once known as the "Valley of the Ten Springs," with its surrounding hill sides adorned by pretty cottages. A little further to the north we behold the hills of the Loughberry Lake, and still further beyond the granite elevations known as the Palmerstown and Kayaderosseras mountains, spurs of the great Adirondacks.



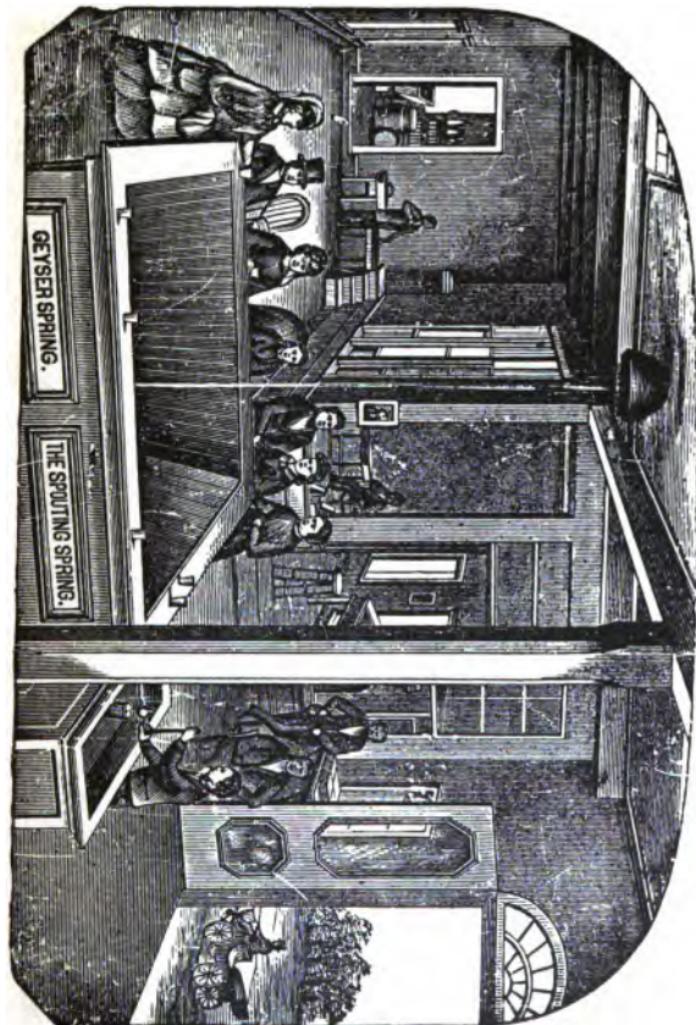
## Geyser or "Spouting Spring"

Is a most wonderful fountain of mineral water, discovered in 1870, and situated about one mile and a quarter southwest of the village of Saratoga Springs, in the midst of the beautiful region of landscape scenery now known as "Geyser Lake and Park." To reach it from Saratoga follow Broadway south to Ballston Avenue, which branches off from Broadway in the south part of the village to the right, towards the south-

west, and follow this avenue until it crosses the Rena. and Sar. R. R., when the large brick bottling house with the world-wide inscription of "Geyser Spring" will be distinctly seen across the lake to the left. Follow the carriage road across the causeway turning to the left, and you will soon find yourself at the entrance of the spring and bottling house, and in the midst of the most interesting spring region of Saratoga. Visitors are most cordially welcomed to the spring and grounds by the proprietors at all reasonable hours of the day, and perfect freedom is accorded to all visitors to drink the waters, inspect the work of bottling, and to stroll through the beautiful grounds surrounding the springs. As you enter the spring-house, directly in front of you, in the center of the building, is this marvelous spouting spring, sending forth a powerful stream of water to the very top of the building, which in descending to its surrounding basin sprays into a thousand crystal streams, forming a beautiful fountain ever flowing, and charming to behold.

In the center of the room is the artistical basin, about six feet square, and from the bottom rises an iron pipe. From this leaps, in fantastic dance, the creamy water of the spring. To allow it full play, there is an opening in the ceiling, and here it rises and falls, day and night, continually. At one side, a faucet, with a nose like a soda fountain, enables one to draw a glass. The water boils and bubbles out, mingled with bubbles of gas precisely like cream soda, and all who care may have a free drink. When the bubbles have escaped, the water has a wonderful pearly purity that tempts one to drink bountifully. A glass globe on the well

GEYSER SPRING.



## SARATOGA ILLUSTRATED.

curb has a stream of water flowing through it and escaping at the top. This enables us to see the thick stream of bubbling gas as it rises through the water and makes an extremely pretty display. A large business is here carried on in bottling this valuable and delicious water, and visitors are shown all the processes in detail

The orifice bored in the rock is five and a half inches in diameter, and 132 feet deep. The rock formation consists of a strata of slate eighty feet thick, beneath which lies the strata of bird's-eye limestone in which the mineral vein was struck. The orifice is tubed with a block-tin pipe, encased with iron, to the depth of eighty-five feet, the object being to bring the water through the soft slate formation, as the immense pressure and force of the gas would cut the slate, thereby causing impurities in the water.

Recently the present proprietors became convinced that a large percentage of the Carbonic Acid Gas shown by the phenomenon of spouting, was not present in the bottled water. They recently re-tubed the spring and put in the most approved Bottling Table. The result is that for the first time in the history of the Spring *all the Natural Carbonic Acid Gas is retained to the bottled water*, thereby adding much to its already high medicinal qualities, and making it an EXCELLENT TABLE WATER, the water now being *highly effervescent* and the best mineral water known.

Professor C. F. CHANDLER, Ph. D., of Columbia College School of Mines, visited this spring a few weeks after its discovery, and the following analysis, made from water collected by him at that time, demonstrates the great value of the Geyser as a medicinal spring:

### ANALYSIS OF ONE U. S. GALLON.

Chloride of Sodium.....	562.080 grains.	Bicarbonate of Strontia. 0.423 grains.
Chloride of Potassium...	24.634 "	Bicarbonate of Baryta .. 2.014 "
Bromide of Sodium.....	2.212 "	Bicarbonate of Iron... 0.979 "
Iodide of Sodium.....	0.248 "	Sulphate of Potassa ... 0.318 "
Fluoride of Calcium.....	a trace.	Phosphate of Soda..... trace.
Bicarbonate of Lithia....	9.004 "	Bborate of Soda..... trace.
Bicarbonate of Soda....	71.232 "	Alumina..... trace.
Bicarbonate of Magnesia.	149.343 "	Silica..... 0.665 "
Bicarbonate of Lime....	168.392 "	Organic Matter..... trace.
Total solid contents.....		991.546
Carbonic Acid Gas in one U. S. Gal.		454.082 cubic in
Density.....		1.011
Temperature.....		46° Fahr.

## SARATOGA ILLUSTRATED.

It may be noticed that the water is charged with medicinal and gaseous properties to a wonderful degree, its total solid contents being 991.546 grains. The amount of gas is excessive, and it is this that enables the water to hold in solution so great a proportion of minerals, and gives to it remarkable preservative properties when bottled, as well as imparts that mysterious power which forces the water from its silent cavern in the earth into the beautiful fountain of the spring. Its properties are permanent in any climate, and for an indefinite time. So long as kept corked and the bottle laid on the side, it retains its value unimpaired.

As a medicinal agency its effects are marvelous. Testimonials from all quarters are received, bearing witness to its wonderful cures of diseases; especially in Cutaneous Diseases, or any of the various phases of Serofula. It is used with telling effect in Kidney Disease, Liver Complaint, Dyspepsia, Biliousness, Rheumatism, Acidity of Stomach, etc. It is a delightful beverage, and when taken as a cathartic leaves none of those unpleasant effects observable in the use of many other of the Saratoga waters.

As an aperient or cathartic it should be used in the early morning; and, if in bottles, it should stand in the room so as not to be too cool. To give it more ready effect, raise the water to about blood-heat, or 90° Fahr. A pint bottle, or about two glasses, will usually be found sufficiently prompt and effective.

As an alterative, the water should be drank cool, in small quantities. When taken with meals or at lunch, as an ordinary beverage, the system will retain the minerals with strengthening and stimulating effect. After wines or hearty eating, the water is a sure corrective, restoring the stomach to its natural condition, while relieving the system of uncongenial and injurious substances. It cures biliousness, corrects acidity of stomach, relieves nervous or feverish irritation and headache, and a restless person may be induced to sleep by taking a glass of Geyser on retiring at night. Geyser Water also operates with excellent effect upon the Kidneys. The lithia found in this water is a specific for gravel or stone, and is effectual in dissolving the chalk or limestone and urate deposits in Rheumatism or Gout. Geyser Water is put up in pint and quart bottles, and in tin-lined barrels of thirty gallons each, and it may be found at any leading druggist's on

the continent. In bottles, it is packed in cases of four dozen pints or two dozen quarts.

The spring property is managed by a stock company, and the proprietors have adopted the name GEYSER SPRING CO. All orders should be addressed to the GEYSER SPRING CO., SARATOGA SPRINGS, N. Y. The officers of the company are George A. Streeter, President; George E. Settle, Treasurer. The business of the Geyser Spring has increased rapidly since its discovery in 1870, and its waters are now sold everywhere.

By passing through the door at the east end of the bottling house, we enter upon a piazza which overlooks the stream that dashes by the spring-house. Under the overhanging awning we may enjoy a very charming prospect.

#### **Geyser Park**

Embraces a tract of about 40 acres surrounding the Geyser Spring, and is open to visitors, who are invited, by numerous rustic chairs and settees, to enjoy the natural beauties of this charming vicinity. Leaving the spring-house by the rear door, we enter upon the ramble and follow the shady path down into the dell. From the rustic bridge is a pretty view of the waterfall near the spring-house, and in the vicinity are several springs of varied mineral properties, more or less undeveloped but indicating the great richness of this region in mineral waters. Returning to the spring-house, we may pass up the hill towards the west, and obtain a delightful view of the lake and park. From the summit of the slope to the westward the beautiful surroundings of this celebrated locality are brought into view. Standing on the elevation, with our face to the east, a charming prospect is spread before us. The large, beautiful green expanse, studded here and there with trees and cottages, and terminating with the Green Mountain range in the distant east, and the Greenfield Mountains in the west; the silvery water expanding from small proportions into the dimensions of a beautiful lake, fringed with graceful foliage and shaded lawns; the limpid stream plunging over the fall and dashing down into the shaded glen; the strong-arched causeway, and the spouting springs shooting their pearly-white waters into graceful fountains, all unite to form a charming landscape.

## SARATOGA ILLUSTRATED.

### **The Saratoga Carlsbad Spring**

Was discovered in 1886. It is an artesian well, sunk 288 $\frac{1}{4}$  feet in the solid rock, and is tubed to a depth of 238 feet. This spring is located on a hill overlooking the valley 60 feet below, where the neighboring springs are situated. This elevation, and the tubing of the spring to so great a depth, prevent contamination by surface wash or drainage.

The water is forced to the surface by the natural carbonic acid gas under a natural pressure of 35 pounds to the square inch, and is thrown to a height of 80 feet.

The capacity is 6,000 gallons per day. The geological formation at this point is 32 feet of loam and clay, followed by 180 feet of slate rock, beneath which was found a stratum of limestone, in which the vein was discovered.

### **Hamilton Spring.**

This spring is situated about thirty rods north of the Congress, immediately in the rear of Congress Hall. It was discovered by Mr. Gideon Putnam, one of the early settlers of the place, not long after the discovery of the Congress Spring, and named after the late General Hamilton. The water, when first taken from the spring, is remarkably clear and sparkling. It is saline and acidulous to the taste, and when taken to the quantity of five or six half pints, is usually both cathartic and diuretic.

### **The Hathorn Spring**

Is on Spring Street, directly opposite the north wing of Congress Hall. It was discovered in 1869 by some workmen employed in placing the foundation of the brick block which contains the beautiful ball-room of Congress Hall. It is named in honor of the Hon. H. H. Hathorn, who first developed the spring, and built the famous Congress Hall Hotel. The spring was very securely tubed in 1872, at the large expense of \$15,000. The Hathorn is one of the most valuable springs in Saratoga. Great quantities of water are bottled and sold in the leading towns and cities of the United States and Canada. The water contains 888.03 grains of solid contents in a gallon, and combines chloride of sodium, the prevailing chemical element of all the Saratoga Spring waters, with bicarbonate of lithia, and other valuable properties

## SARATOGA ILLUSTRATED.

### Analysis of the Hathorn Spring Water.

Chloride of Sodium.....	509.968	gra.	Sulphate of Potassa.....	none.	
Chloride of Potassium....	9.597	"	Phosphate of Soda.....	.006	gra.
Bromide of Sodium.....	1.534	"	Biborate of Soda.....	a trace.	
Iodide of Sodium.....	.198	"	Alumina.....	.131	"
Fluoride of Calcium.....	a trace.		Silica.....	1.260	"
Bicarbonate of Lithia ....	11.447	"	Organic matter.....	a trace.	
Bicarbonate of Soda.....	4.288	"			
Bicarbonate of Magnesia..	176.463	"	Total solid contents...	888.4903	
Bicarbonate of Lime.....	170.646	"	Carbonic Acid Gas in 1 gal.,	375.74	
Bicarbonate of Strontia... a trace.			inches.		
Bicarbonate of Baryta....	1.737	"	Density, 1.009.		
Bicarbonate of Iron.....	1.128	"			

### The High Rock Spring

Is on Spring Avenue, near the Empire, Star and Seltzer, and is believed to be the first which was discovered in this vicinity. The peculiar mineral formation which gives its name is a great



INTERIOR OF HIGH ROCK SPRING.

curiosity, and early attracted the attention of Indian hunters and the white pioneers of American civilization. The water has

built a curb for itself, the foundations of which must have been laid when the continent was in its infancy. The water being impregnated with particles of mineral substances, probably at first saturated the ground about the outlet of the spring. As the water evaporated, a species of rock was formed by the comingling of earth and mineral; and the continual overflow of mineral water gradually built up the present curious dome-shaped rock, which is  $3\frac{1}{2}$  feet high, and 23 feet 4 inches in circumference, and looks like a miniature volcano. There is an Indian tradition that, many years ago, the water ceased to flow over the rock, owing to the displeasure of the Great Spirit. The water, however, remained within reach from the top, and the overflow probably found a way of escape through cracks which eventually have been stopped by deposits from the water. A handsome pagoda has been erected over the spring, and a bottling house near by contains the usual apparatus for preparing the water for market. It is said that the first white man who used these waters was Sir William Johnson, who was brought in the year 1767 through the wilderness, which then surrounded Saratoga, on a litter, and drank the water a few weeks, when he was able to walk away without assistance. The High Rock Spring, which may therefore be looked upon as the father of all these healing waters, has stood the test of over a century. Its water is a superior tonic, and cathartic as well as alterative. It is useful in Rheumatism, Scrofula, Dyspepsia, Constipation, and is especially beneficial in its operation upon the kidneys and liver; and indeed it purifies and renovates the whole system, clearing and beautifying the complexion and prolonging life.

The High Rock water cures Biliaryness, corrects acidity of the stomach, and relieves nervous or feverish irritation and headache.

Perhaps there is no class of mineral water drinkers who enjoy a visit to Saratoga so much, or who realize so fully and so speedily the benefits arising from drinking the water, as the class of persons known as "free livers." They suffer from functional disturbance arising from too much food. But when daily drinking the water they are wholly exempt from all inconvenience arising from such surfeit not only, but can use double the quantity of food and drinks previously taken, and experience no inconvenience

## SARATOGA ILLUSTRATED.

The acid products which follow such free living under other circumstances, and which produce wakefulness, with morbid, nervous, and cerebral symptoms, are wholly prevented by the use of this water, and refreshing sleep, long deferred, is fully enjoyed. All such of the above class as have become more or less diseased from liberal living, may have their stomachs restored to a healthy condition by the use of this water.

As an Aperient or Cathartic the water should be taken in the morning, half an hour before breakfast, its temperature not over cool. For instant action, warm the water slightly.

As a Tonic, the water should be taken cool and in small quantities. When drank at meals as a beverage, the system will retain the minerals with strengthening and stimulating effect.

The condition of the system, which marks the early stage of the fearful disease of Scrofula, is usually removed by a timely and faithful use of the High Rock Water. Scorbutic persons, both young and more advanced in life, often witness large scrofulous tumors rapidly pass away under the influence of this mineral water.

The utmost care has been taken in retubing not only to keep out all impure and fresh waters, but also to retain the fixed carbonic acid gas, for which this spring is pre-eminently celebrated.

High Rock Spring is managed by a prominent gentleman, who has taken possession of the spring with a determination to extend the sales of the water of this famous spring. Mr. Young is owner and manager.

The following analysis of the High Rock Spring water was made by Prof. C. F. Chandler, Ph. D., of Columbia College School of Mines, who collected the water at the spring for analysis:

### Analysis of one U. S. gallon:

Chloride of Sodium .....	390.127 grains.	Bicarbonate of Lime...131,739 grains.
Chloride of Potassium...	8.497 "	Bicarbonate of Magnesia 54.924 "
Bromide of Sodium.....	0.731 "	Bicarbonate of Soda.... 34.888 "
Iodide of Sodium.....	0.986 "	Bicarbonate of Iron.... 1.478 "
Fluoride of Calcium.....	trace.	Phosphate of Lime..... trace.
Sulphate of Potassa.....	1.608 "	Alumina..... 1.228 "
Bicarbonate of Baryta...	trace.	Silica..... 2.260 "
Bicarbonate of Strontia..	trace.	
Total.....		628.039
Carbonic Acid Gas.....		409.458 cub. in.

## SARATOGA ILLUSTRATED.

### The Pavilion Spring

is situated in the valley a few rods east of Broadway, between Lake Avenue and Caroline Street, at the head of Spring Avenue. It was formerly a prominent spring water, but its sale has not been pushed energetically of late, and hence the water is not so generally used as formerly.

### The Elixir Spring.

This spring, to which the above appropriate name has been given, was developed by the Red Spring Company on April 26, 1887, and is situated about 150 feet south of the Red Spring.

It is one of the most remarkable fountains of mineral water in this world-renowned mineral spring region, in respect of both the quantity and quality of the water it produces. This water is remarkable for the great amount of gas it contains. It is one of the very few spouting springs of Saratoga Village.

It is an alkaline water, pleasant to the taste, invigorating in its effects, and is destined to become popular for table use. The large amount of carbonic acid gas it contains preserves its palatable freshness and tone, and makes it a very valuable water for bottling and sale in the general mineral water market.

### The Red Spring.

This celebrated remedial Spring, located just north of the Empire Spring, was discovered in 1770, since which time the efficacy of its waters in the cure of eruptive and skin diseases has been constantly demonstrated, as the multiplied testimonials of its grateful patrons, from every portion of the Union, fully attest. The Red Spring Water is a powerful alkaline; hence, those acids which produce rheumatism, gout and kindred diseases are neutralized by its use. Indeed, to its action in neutralizing the acids of the stomach may be attributed the remarkable efficacy of the water in the cure of that wide-spread and most distressing malady, *dyspepsia*. In a general sense the therapeutic effects of the water are alterative, and it is especially adapted to inflamed mucous membranes. Indeed, inflammation, whether internal or external, cannot abide contact with Red Spring water. Drinking the water, or bathing with or in it, as the necessities of the case

## SARATOGA ILLUSTRATED.

require, invariably allays inflammation and restores the organ or the surface affected, to its normal condition. Salt rheum, scrofula, ulcers, inflamed eyes, granulated eyelids, kidney difficulties, rheumatism and cancerous affections are among the diseases for which Red Spring water is a sovereign remedy. The alterative properties of the water are so great that small quantities of it produce the desired effect; it is accordingly peculiarly adapted



to the weakest stomachs in external chronic diseases. The wonderful virtue of the water in curing salt rheum was spoken of fifty years ago by Dr. Steele, in his work on "Mineral Waters."

Yielding to the continuous public demand for Red Spring water baths, the Red Spring Company has erected a commodious bath house with modern appliances for giving hot, cold or tepid mineral baths. A series of plunge baths for learners, and persons who enjoy the luxury of swimming without incurring any of its perils, has also been constructed.

The Red Spring water is bottled and shipped to every portion of the country, and is rapidly acquiring the reputation which it deserves, of being the leading mineral water in the Union for the cure of the diseases we have enumerated. The Spring is situated in the midst of beautiful surroundings, and the throng of visitors who crowd the colonnade during the season attests the fame and popularity of this perennial fountain of healing waters.

## Saratoga "A" Spring.

The "A" Spring is situated on Spring Avenue, beyond the Empire Spring, and a little north of the Red Spring, on the eastern side of a steep bluff of calciferous sand rock.

The following analysis of the spring is by Julius G. Pohle, M.D.

Chloride of Sodium....	565.800 grains.	Bicarbonate of Iron....	1.724 grains.
Chloride of Potassium..	.357 "	Sulphate of Lime.....	.448 "
Chloride of Calcium and Magnesia.....	trace	Sulphate of Magnesia...	.288 "
Bicarbonate of Soda....	6.752 "	Sulphate of Soda.....	2.500 "
Bicarbonate of Lime ...	56.852 "	Sulphate of Potassa...	.370 "
Bicarbonate of Mag- nesia.....	20.480 "	Silicic Acid.....	1.460 "
		Alumina.....	.380 "
Solid contents per gallon.....			656.911 grains.
Free Carbonic Acid Gas, per gallon.....			212 cubic inches.
Atmospheric air.....			4 "

## The Patterson Spring

is on Phila Street, near Broadway, only one block from the United States Hotel. This is a new spring, that in cathartic, alterative and effervescent qualities is unrivaled, and in its result is called "wonderful." The spring pavilion is the most elegant in the village, and being so pleasantly located is a popular resort for visitors at Saratoga.

The following analysis made by Prof. C. F. Chandler, of the Columbia College School of Mines, in June, 1889, states:

NEW YORK, June 13, 1889.

The sample of water taken by our assistant from the spring at Saratoga, N. Y., April, 1889, marked Patterson Spring water, submitted to us for examination, contains in one United States gallon of 281 cubic inches :

Chloride of Sodium...	269.9205 grains.	Bicarbonate of Strontia	trace
Chloride of Potassium.	11.9095 "	Bicarbonate of Baryta,	trace
Bromide of Sodium....	0.6778 "	Bicarbonate of Iron...	1.2173 grains.
Iodide of Sodium.....	0.1542 "	Bicarbonate of Manga- nese.....	0.0844 "
Fluoride of Calcium...	trace	Sulphate of Potassa...	0.4424 "
Bicarbonate of Ammo- nium.....	2.0056 "	Borate of Soda.....	trace
Bicarbonate of Lithia..	2.3199 "	Alumina.....	0.0467 "
Bicarbonate of Soda...	18.7644 "	Silica.....	1.0264 "
Bicarbonate of Mag- nesia.....	80.1967 "	Organic Matter.....	trace
Bicarbonate of Lime...	129.4174 "	Total .....	518.1838 grains.
Carbonic Acid Gas.....			417.0676 cubic inches.

## The Star Spring.

To reach this spring from Congress Hall, follow Broadway north five blocks to the railroad. Turn to the right, and then to the second left, and in a few steps the long flight of stairs leading down the bluff to the spring will be found. This spring was formerly known as the President and the Iodine. It is over half a century since its waters were first known and used, but their full virtues were not developed until 1862. In 1880 it was retubed, and tubing carried 44 feet into solid rock, securing perfect freedom from surface waters. The water is largely charged



with carbonic acid gas, which renders it peculiarly valuable as a bottling water, since it preserves its freshness much longer than waters containing a smaller amount of the gas. The great medicinal properties of the Star consist in the large quantity of iodine and bromide of sodium, there being 2 grs. of iodine and 14 grs. of bromide to each quart. The proprietors of the Star were the first to introduce Saratoga Water to the public, on draught, through the United States, Canadas, and Europe, which they did in patent tin-lined barrels which preserve the full purity of the water. They furnish their waters fresh on draught, through

## SARATOGA ILLUSTRATED.

the apothecaries of the cities and towns of the United States, enabling patrons to obtain, at home, any quantity at the lowest possible cost, by the glass, gallon or barrel, as well as in pint or quart bottles, knowing that the free use of this water will restore health to invalids away from Saratoga as well as at the springs.

The bottling-house is a handsome brick building, and is supplied with every convenience for business, and visitors are invited to inspect the house and the work of bottling.



The Saratoga Vichy Spring

Is delightfully located on Ballston Avenue, opposite Geyser Spring, in the midst of a park embracing a beautiful sloping lawn studded with forest trees on one side, and the pretty little Geyser Lake on the other. Its surroundings are very picturesque, and are among the most attractive scenery about Saratoga. It was discovered in the month of March, 1872, by drilling in the solid rock to the depth of 180 feet.

## SARATOGA ILLUSTRATED.

This spring contains more soda and less salt than any other Saratoga water, and takes special rank at once among the valuable mineral waters of this famous Spa, from its wonderful similarity to the Vichy waters of France. It is the only alkaline water found at Saratoga, and a specific in those troublesome affections arising from Acidity of the Stomach, Dyspepsia, Kidney and Bladder Difficulties; several remarkable cases are already recorded of these diseases cured by its use. The following analysis of the Saratoga Vichy, made by Prof. C. F. Chandler, of the Columbia College School of Mines, demonstrates its value as a medicinal agent, and as an alkaline water of equal merit with the celebrated French Vichy.

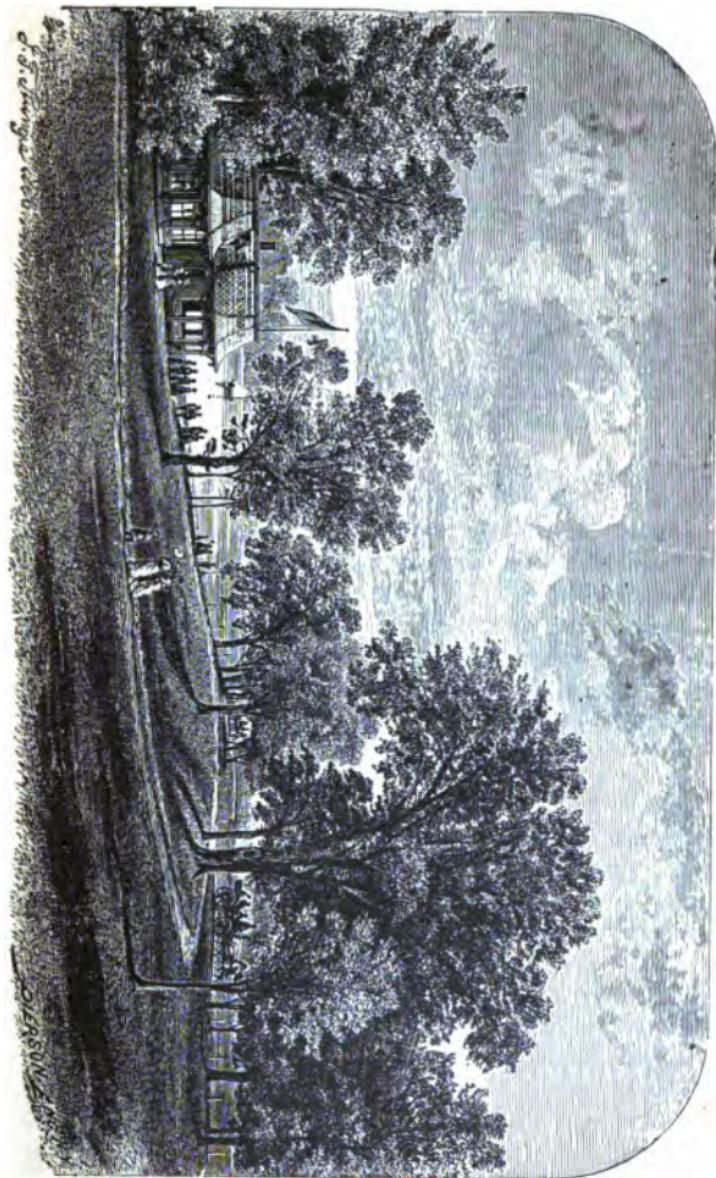
Contains in one U. S. gallon of 231 cubic inches :			
Chloride of Sodium.....	128.089	Bicarbonate of Strontia. ....	trace.
Chloride of Potassium.....	14.113	Bicarbonate of Baryta.....	0.593
Bromide of Sodium.....	0.990	Bicarbonate of Iron.....	0.052
Iodide of Sodium.....	trace.	Sulphate of Potassa.....	trace.
Fluoride of Calcium.....	trace.	Phosphate of Soda.....	trace.
Bicarbonate of Lithia.....	1.760	Biborate of Soda.....	trace.
<b>Bicarbonate of Soda.....</b>	<b>82.873</b>	Alumina.....	0.473
Bicarbonate of Magnesia.....	41.503	Silica.....	0.758
Bicarbonate of Lime.....	95.522	Organic Matter.....	trace.
Carbonic Acid Gas in one gallon, 388.071 cubic inches. Temperature 50° F.			

The Saratoga Vichy is an excellent table water, and superior to the French Vichy, as it contains more natural carbonic acid gas, and mixes readily with all wines. It is not a cathartic water (but mildly laxative if taken in quantity before breakfast), and can be drank at all times with its good effect as a Nervous Stimulant, and in diseases of the stomach, kidneys, and bladder.

Geyser, Congress, Hathorn, and other prominent Saratoga mineral springs are saline waters, but the Saratoga Vichy is an alkaline water; that is, the alkaline properties (lithia, soda, magnesia, lime, etc.) overbalance the saline properties—chloride of sodium (salt), and is therefore recommended in an entirely different class of cases. When the blood is impoverished from want of proper assimilation of food, or feeble tone of the stomach generally, when the system is below the normal standard and requires "toning up," the Saratoga Vichy should be used.

One of the most remarkable effects of Saratoga Vichy is the improvement or restoration of impaired digestive functions, increase of appetite and improved tone. Dyspepsia is therefore a special field for use of this water, especially when accompanied

LAWN VIEW OF SARATOGA VICHY SPRING.



## SARATOGA ILLUSTRATED.

with sour stomach, slowness of digestion, loss of appetite, vertigo, weakness, etc. The Saratoga Vichy is rapidly gaining popular favor, and is much used in our large cities in place of the French Vichy waters, which are frequently stale. Genuine Saratoga Vichy is put up in amber-colored glass bottles, half pints, pints, and quarts, and in block-tin-lined barrels for draught purposes. Circulars containing full directions for its use may be obtained from those selling the water, or the Saratoga Vichy Spring Co., at Saratoga Springs, N. Y. R. A. Roberts, Esq., of Yonkers, is President, and A. G. Munn, Jr., Secretary of the Company. It has a wholesale depot at 122 Pearl Street, New York, and Mr. L. A. James, of Saratoga Springs, is the efficient superintendent.

### The Diamond Spring

Is just north of the Vichy in its grounds, and is a valuable chalybeate or iron spring, with ingredients quite unlike those of its near neighbors. It possesses valuable diuretic and tonic properties, and is specially recommended for those suffering from general debility. One glass has the exhilarating effect of champagne and is remarkably efficient in curing many complaints peculiar to the female sex. It contains a large amount of carbonic acid gas and bottles better than any iron water at Saratoga. The Diamond Spring belongs to the Saratoga Vichy Spring Co.

### The Washington Spring

Is situated in the grounds of the Clarendon Hotel, on South Broadway. It is a chalybeate or iron spring, having tonic and diuretic properties. It is not a saline water, and the peculiar inky taste of iron is perceptible. It should be drank in the afternoon or evening, before or after meals, or just before retiring. One glass is sufficient for tonic purposes. Many regard this as the most agreeable beverage in Saratoga. It is frequently called the "Champagne Spring," from its sparkling properties. It is a very popular spring, and in the afternoon is thronged with visitors. Its grounds are very picturesque, and in the evening are lighted by gas. The Clarendon band discourses on the neighboring piazza in summer, and fashionably attired people throng beneath the majestic pines, forming one of those peculiar group pictures which render Saratoga so charming.

## SARATOGA ILLUSTRATED.

### The Saratoga Kissingen Spring

is a mile south of Saratoga Village, north of Ballston Avenue, the drive to Geyser Lake, just west of the railroad crossing. It was developed in 1872, by boring through the solid rock to a depth of 192 feet. When allowed to flow with full force, the pressure of the carbonic acid gas forces a stream of mineral water out of the piping 20 or 30 feet into the air. The water is highly effervescent and very agreeable to the taste. It mixes well with wines and with milk, and is unexcelled as a table water. The medicinal effects of this water are aperient, diuretic, alterative and tonic. It is wonderfully efficacious in its action on the stomach, liver and kidneys, and greatly promotes digestion. Analysis by JAMES R. NICHOLS & Co., Boston, of one U. S. gallon of 231 cubic inches :

Chloride of Sodium, grains.....	135.500	Bicarbonate of Lime.....	40.260
Chloride of Potassium.....	16.980	Bicarbonate of Strontia.....	trace.
Bromide of Sodium.....	1.800	Bicarbonate of Baryta.....	.993
Iodide of Sodium.....	.042	Bicarbonate of Iron.....	1.557
Fluoride of Calcium.....	trace.	Sulphate of Potassa.....	trace.
Bicarbonate of Lithia.....	5.139	Alumina.....	trace.
Bicarbonate of Soda.....	76.617	Silica.....	1.280
Bicarbonate of Magnesia.....	70.470	Organic Matter.....	trace.

Total solid contents in one United States gallon, in grains..... 534.627  
Temperature, 40° Fahrenheit. Density..... 1.0060  
Cubic inches CO<sub>2</sub> in one gal., 361.5. Total residue by evaporation..... 432.634

The large amount of carbonic acid gas contained in the water preserves its palatable properties in all varieties of climate, and hence it is a valuable spring water for bottling and marketing. It is put up in amber-colored glass bottles, and securely packed in cases containing two dozen quart bottles or four dozen pint bottles. The water is bottled and shipped at the spring, in commodious buildings erected for this purpose.

The sparkling beverage, fresh from the spring, is served free in glasses to visitors under a veranda extending from the main building to Geyser Lake. The Saratoga Kissingen is a natural alkaline mineral water, and is on sale in the principal cities throughout the United States.

The spring is owned by The Saratoga Kissingen Spring Co. Mr. H. F. Cary supervises the business at the spring, and the office at 169 and 171 Broadway, Saratoga Springs Village. Send for circulars and price lists.

## SARATOGA ILLUSTRATED.

### Champion Spouting Spring.

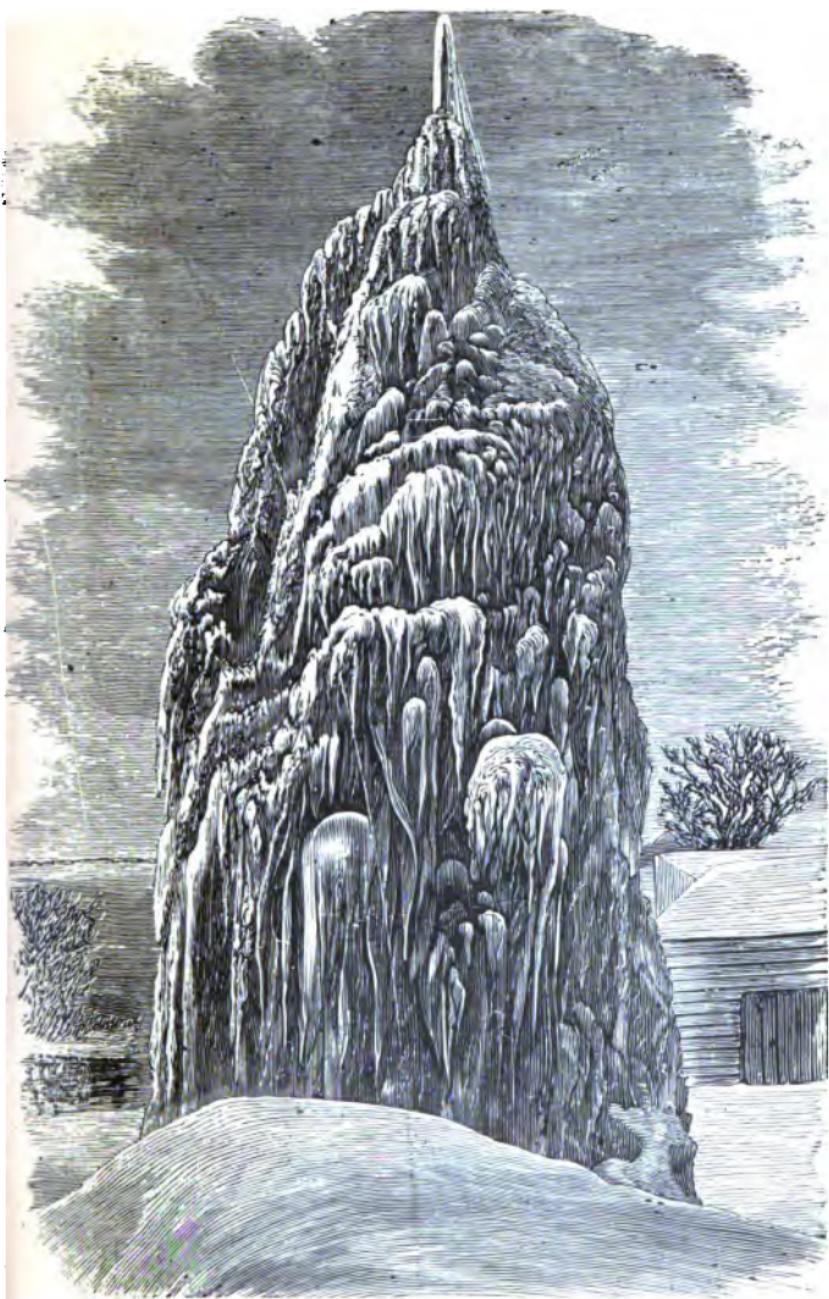
This phenomenal fountain is about one mile and a half south of the village of Saratoga Springs, near the carriage road leading to Ballston Spa, just east of the Railroad. It is one of the group of celebrated Spouting Springs which have recently been developed and become a wonderful feature of the great watering-place. It was discovered in 1871, after sinking a shaft to the unusual depth of 300 feet. From this deeply concealed cavern, the precious fountain burst forth to light, sending a column of water six and one-half inches in diameter, 25 or 30 feet into the air, presenting a marvelous and beautiful spectacle. The gaseous force of the water has been checked by a strong iron cap, fastened to the top of the tubing, and only a small jet of water is allowed to escape, except when this cap is removed, and the water darts forth in large volume to a height of 80 to 100 feet, imitating the wonderful Yellowstone and Iceland Geysers.

These Saratoga Geysers are exceedingly interesting, and should be visited. During the winter the water freezes around the tube, and gradually forms a column of solid ice from 30 to 40 feet high, and several feet in diameter. On another page we present an engraving of this wonderful spring, as it appears in winter. This marvelous spring possesses the chemical elements common to the Saratoga spring waters, in larger quantities than any other spring yet developed. We append the analysis by Prof. C. F. CHANDLER, of Columbia College New York:

#### SOLID CONTENTS OF ONE U. S. GALLON, 231 CUBIC INCHES.

Chloride of Sodium .....	702.239	Bicarbonate of Buryta .....	2.083
Chloride of Potassium .....	40.446	Bicarbonate of Iron .....	0.647
Bromide of Sodium .....	3.579	Sulphate of Potassa .....	0.262
Iodide of Sodium .....	0.234	Phosphate of Soda .....	0.010
Fluoride of Calcium .....	trace.	Bborate of Soda .....	trace
Bicarbonate of Lithia .....	6.247	Alumina .....	0.458
Bicarbonate of Soda .....	17.624	Silica .....	0.699
Bicarbonate of Magnesia .....	193.912	Organic matter .....	trace.
Bicarbonate of Lime .....	227.070		
Bicarbonate of Stronti .....	0.082	Total grains .....	1196.582
Carbonic Acid G. s., 465.458 cubic inches.		Temperature, 49° Fahr.	

It contains more mineral properties per gallon than any other spring water in Saratoga. Hence a less quantity will produce the usual effect. It acts very favorably upon the kidneys and liver, and its medicinal value is established by the testimony of high medical authority.



**CHAMPION SPOUTING SPRING IN WINTER.**

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## SARATOGA ILLUSTRATED.

### The Saratoga Magnetic Spring

Is situated on Spring Avenue, in the valley opposite the High Rock Spring. It is unlike all other springs in Saratoga, having that wonderful magnetic influence which is one of the great marvels of nature. Its healing powers and properties have been thoroughly tested, and found to be highly valuable. The waters are bottled, and used for bathing purposes. The bath-house is two stories high, the upper floor being reserved for the exclusive use of ladies. It has lady attendants. The bath-rooms are fitted up in luxurious style with porcelain tubs in every room. No other bath-room in Saratoga has this kind of tub. The baths are found to be highly efficacious in the cure of rheumatism, neuralgia, cutaneous and nervous affections, and have a perceptible tonic influence upon the system. Its valuable qualities are recognized by physicians and residents of Saratoga, and have added another and peculiar feature to this wonderfully rich mineral spring region. All should visit this spring, and while there you may have your knife magnetized by a bath in the spring, if you choose. The baths are open from 7 A. M. to 6 P. M., daily, and attendants are at call.

### The Seltzer Spring

Is close to High Rock Spring, and in the neighborhood of the Star and Empire. Although in such close proximity thereto, its water is entirely different. This is the only Seltzer spring in this country. The character of the water is almost identical with that of the celebrated Nassau Spring of Germany, which is justly esteemed so delicious by the natives of the "Fatherland."

### The Crystal Spring

Is located near the Columbian Hotel, in South Broadway.

### The Saratoga Kissingen Spring

Is a pipe-well, 192 feet deep, on the east side of Geyser Lake.

### The United States Spring

Is in the grounds of the Pavilion Spring, and owned by the same company. Its waters are alterative in medicinal effect.

## SARATOGA ILLUSTRATED.

### Saratoga White Sulphur Spring.

This valuable spring is situated about one and one-half miles east of the village, and about one quarter of a mile east of the Excelsior Spring. It should not be confounded with a spring of the same name, but which is some ten miles from Saratoga, on the east side of Saratoga Lake. The water of this spring is used for bathing and drinking, but is not bottled. The curative properties of it are fully established, and the proprietors have erected a large and very commodious bathing-house, containing fifty baths, and supplied with every convenience for giving warm or cold sulphur baths at all hours of the day. This spring supplies a very important element to the attractions of Saratoga. The other springs supply valuable mineral waters to be taken internally, while the White Sulphur waters supply that very important element of medicinal effects produced by bathing. Persons afflicted with rheumatism or cutaneous diseases receive positive benefit, and sometimes complete cure, by using these baths. Lady and gentlemen attendants are always at hand during bathing hours, and every convenience for luxurious and wholesome bathing is afforded. The baths are open from 7 A. M. to 9 P. M. on week-days, and on Sundays from 7 A. M. to 6 P. M.

The Saratoga Lake Railway conveys passengers from Lake Avenue direct to the stations at the Spring and Bath House.

Stages run to and from the spring, through Broadway, to Circular Street, through Circular Street to Lake Avenue and the spring. Fare to the spring and return at pleasure, 25 cents.

Invalids and others wishing stages to call at their residences, should leave their orders at the office in the village, with the man in charge, in ample time for the calls, as the stages all run on schedule time, and the drivers are not allowed, under any circumstances, to leave their route. Ask for a time-table.

### Eureka Spring

is a mineral spring a few yards south of White Sulphur Spring. Its water is highly charged with carbonic gas, making it one of the most pleasant to the taste of all the Saratoga waters. It is a superior tonic, diuretic and mild cathartic.

## SARATOGA ILLUSTRATED.

### Preparing the Waters for Export.

The bottling and packing is carried on throughout the year, and, except during the height of the visiting season, when so much is consumed at the springs as materially to decrease the supply for bottling, the work is prosecuted night and day. The arrangements for this purpose are the most complete of anything of the kind in the country, and all the various operations are carried on with a care, skill, and perfection unsurpassed.

In order to increase the facilities for obtaining bottles, the Congress Spring Company erected a good glass-house some time since, and now, not only this company, but many of the others are easily supplied with such bottles as they need. Some of the bottles are of dark green or brown glass, and others are of white or crystal glass.

Each bottle, before being filled, is thoroughly washed and rinsed with both warm and cold water, a stream of each of which is constantly pouring into the tanks before the washers. To detach any impurities that cannot be removed by other means, a small brass chain is dropped into each bottle and thoroughly shaken about. The substitution of this simple and effective method of cleansing for the use of shot or pebbles is an improvement which might well be adopted by every housewife.

The corks used are all branded with the initials or trademarks of the companies, and none but the very first quality of cork-wood is used. The name of company can be easily seen through the glass, and none but the willfully stupid need be deceived in buying a single pint or quart.

For instance, the corks of the Congress Spring Co.'s bottles are marked thus:

CONGRESS WATER,  
C. S. Co.

COLUMBIAN WATER,  
C. S. Co.

The brands used for this purpose are set into a small table, their lettered faces being nearly level with its surface. They are kept hot by a jet of gas turned on them from below, and the

## SARATOGA ILLUSTRATED.

corks receive their brand by being rolled over the heated types—an expert boy performing the simple operation very rapidly.

The wire used for securing the corks is manufactured expressly for the purpose from the finest quality of copper, some two thousand pounds being required annually by one company.

The bottles are securely packed in wooden boxes, and every box is fully marked to prevent all mistake. Each box contains a convenient quantity for family use, which is usually two dozen quart or four dozen pint-bottles.

The waters are either pumped through block-tin pipes from the springs, or the water is forced into the bottles by its own hydrostatic pressure. When pumps are employed a large receiver is used to hold the water under pressure and free from contact with the air, and in drawing it the utmost care is taken to prevent the escape of the gas held in the water. In the case of the pipe wells the water is drawn like so much soda-water into the bottles from pipes that tap the main wells many feet below their outlets.

At the Congress Spring the use of the pump has been dispensed with. A pit has been sunk in the bottling-house to a depth below the level of the water, and the water now flows directly into the bottles, and is thus preserved in all its purity and strength.

The corks, after being soaked in warm water until they become so soft as to be easily compressed, are driven into the bottles by machinery, the process reducing their size before entering the bottles about one-third. It requires a strong bottle to stand the pressure of their expansion after being driven in, and even strong men sometimes find it difficult to pull them out. A single workman will fill and cork from fifteen to twenty dozen bottles per hour.

After being filled and corked, the bottles are laid upon their sides in large bins, holding from one hundred and fifty to two hundred dozen each, where they are allowed to remain four or five days, or longer, to test the strength of the bottles by the expansion of the gas, and also to detect any corks that may be leaky or otherwise imperfect. The breakage, while in this situation

is about five per cent. of the whole number filled. The bottles frequently burst with a sharp report, like the firing of a pistol or the cracking of champagne bottles. All leaky corks are drawn, and the bottles refilled with water direct from the spring. While all these precautions add largely to the expense of putting up the waters, they render a leaky, and consequently a bad bottle almost impossible, and they also render breakage in subsequent handling a matter of rare occurrence.

When the bottles and corks have been thus thoroughly tested, the corks are securely wired, this operation being performed with great rapidity by employees long trained to the work.

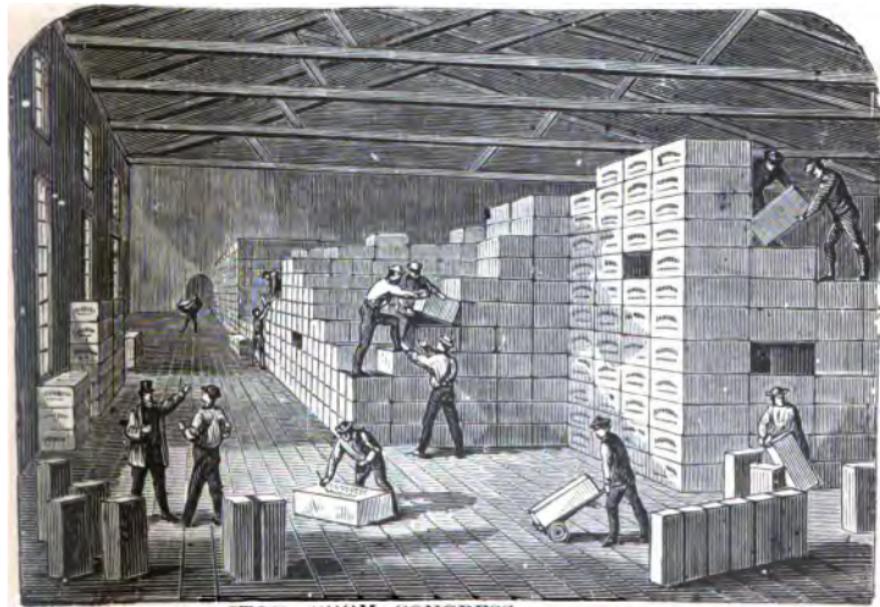
The next process is the packing in cases, which is also done with great care and remarkable dexterity. The neck of each bottle is firmly wound with clean, new straw, and the bottles are placed on their sides in tiers of equal number, a parting strip of straw being laid between each bottle and its neighbor on either side. A layer of straw is also placed between the tiers of bottles as well as at the top and bottom of the box. When the box is filled, the packer walks over the bottles, for the double purpose of settling them properly in their places, and as a further test of their strength, before the lid is put in its place and nailed down. If a bottle gives way under the weight of the packer, of course the whole box is emptied, and not again repacked until it is thoroughly dry, as must be all the straw which is used for packing.

As immense quantities of these waters are put up during the winter months, when the demand is comparatively small, and when the weather is usually too cold for their safe transportation, large storage capacity is required to secure and protect the stock on hand. Some idea of the room required for this purpose may be formed from the fact that the buildings used exclusively for storing water in boxes, at the Congress Spring alone, have an area of over twelve thousand square feet on the ground floor, with capacity for safely keeping at a proper temperature through the winter months more than twenty thousand boxes of the water.

The proprietors of the springs are always pleased to show the wonders of their bottling plants to visitors, and an instructive hour may well be spent in them.



WASHING AND FILLING AT CONGRESS SPRING.



STORE-ROOM. CONGRESS SPRING.

The rows of men and boys, bare-armed before the steaming washing tube: the salt-incrusted receivers, and the bottle-filles with dextrous fingers loading up the pints and quarts; the corker, with his queer machinery; the huge bins of full or empty bottles piled in countless thousands, one over the other, the curious industry of the wire-boys and the packers; and the vast caverns of the storage cellars, all unite to make a scene of singular interest, and the intelligent visitor should make it a point to see, at least, one of these immense establishments.

The exports of spring water in casks is somewhat different. The casks are of the best of oak, and are securely lined with pure block-tin. This metal must not be confounded with our common tinware. That is only sheet iron having a thin skin of tin. This tin coating soon wears away, and then the iron rusts, as the good housekeeper knows to her sorrow. Block-tin, such as is used as a lining for these casks, is a soft, white metal, that contains no iron and cannot rust. It is made air-tight and will hold the water alone without the cask. The cask is only to keep the tin cask inside in shape, as the metal is so soft that a barrel of water could hardly stand alone, much less be rolled about in a freight-car.

There are two openings in these casks at the top, and to each is secured a block-tin pipe. One pipe extends nearly to the bottom of the cask, and the other is only an inch or two long. In filling the cask the water-pipe from the spring is screwed to the top of the larger pipe, and the water, under the pressure of its gas, flows in and driving the air out of a small air-hole fills the cask. When it is full the air-hole is stopped up, but the pressure is continued for a moment or two longer, so that that cask is not only filled solid, but is packed, so to speak, and the water is under the same pressure in the cask as in its native spring. In those casks the waters of the Excelsior, Geyser, and other springs is readily transported to all parts of the country. In drawing the water, a block-tin pipe, with a suitable cooler, is attached to the longer pipe, and a small air pump to the shorter pipe. On pumping air into the cask the water flows out through an ordinary soda-fountain faucet in its native purity. When the casks are empty they are returned for refilling, and it often hap-

pres that a single dealer will have two or more casks constantly on the road, going and coming each way, perhaps two thousand miles or more by rail or boat.

The Danger of Artificial Waters.

The value and importance of Saratoga's waters, and the ever growing demand for them has stimulated the manufacture of artificial waters. Owners of soda apparatus, and druggists with small knowledge and smaller conscience, have concocted a number of queer mixtures that they call mineral waters. Some of these strange drinks are about as useful and harmless as good Croton water and vastly dearer, for one can have that for the asking. Some are put up in bottles and siphons, and called after famous Saratoga springs, and are even packed in abandoned Congress-water boxes. Their only connection with Saratoga is in name, and the name is a fraud and a pretense. Even the trademarks of the springs have been imitated, and in the case of the Congress Spring, an important law suit was instituted with the verdict in favor of the spring. The Congress Company thus speak of the matter:

"The use of the terms 'Congress Water,' 'Columbian Water, or 'Empire Water,' alone or in combination with other words, when applied to any other than the liquids naturally flowing from these springs, is an evident violation of the rights of the proprietors, and a fraud upon the public. In a recent case, determined in the United States Court, the manufacturer and vender of an artificial compound, sold as Congress water, were enjoined from putting up or selling 'any water not of the natural flow of the said spring, in bottles or packages marked with the words "Congress Water," or with words of like import.' It would be well for the public if this matter were more fully understood, as the articles thus offered are entirely worthless, and often dangerous; their use frequently producing griping pains, vertigo, etc., and sometimes resulting in serious permanent difficulties—effects wholly different from those produced by the genuine waters. They weaken the digestive powers, and destroy the tone of the stomach and bowels, often rendering a mild case of dyspepsia incurable. Old boxes and bottles, bearing the genuine brands, are of

ten bought up by counterfeiters for the purpose of filling them with their valueless articles—for which reason purchasers should always examine the corks, which cannot be used a second time and which, if the waters are genuine, will have the brand of the bottling company.

“The injury inflicted by the sale of these artificial compounds upon the proprietors and the public is double; for, on taking these spurious articles and finding either no effect, or injurious effects, from their use, purchasers in future refuse the genuine waters, supposing they have already tried them; or, knowing that the waters used are artificial, decline the natural waters on the supposition that they have tried what is in substance the same, without benefit—as if there existed the slightest comparison between them!

“That it is impossible to form these waters artificially the testimony of scientific men is uniform and abundant. ‘It is impossible,’ says the celebrated English chemist, Sir Humphrey Davy, ‘to recombine the ingredients so as to make an article of equal quality, the effects of which will be the same as the natural water.’ The language of the late Dr. James Johnson, of London, is as follows: ‘Mineral waters contain many agents which we cannot imitate by artificial combinations. This is proved by every day’s observations. Thus, the saline, aperient mineral waters will produce ten times more effect than the identical materials artificially dissolved and mixed. The same is true with respect to the chalybeate springs. *A grain of iron in them is more tonic than twenty grains exhibited according to the pharmacopæia.*’

“An acorn may be analyzed, but it is as impossible for the chemist to form an acorn from its chemical elements as it is for him to create the oak which in the course of nature the acorn is destined to produce. To give the name, therefore, of Congress water to a mere solution of common salt, soda, magnesia, lime, and iron, or other minerals, is as absurd as to give the name of wine to a mixture of cream of tartar, alcohol, and mineral salts, which this liquid proves to be when analyzed.

“In so important a matter it is deemed well to add the testimony of Dr. Constantine James, to be found in his ‘*Præcis*

*Guide to the Mineral Watering-places of Europe.* 'Artificial mineral waters of the best fabrication are, in a medical and chemical point of view, only a poor counterfeit of the real waters whose names they usurp. They are doubly pernicious, as they do not attain the physician's aims, and cast a certain discredit on the genuine production.'

"The testimony of Dr. A. A. Hayes, and S. Dana Hayes, Esq. State Assayers for Massachusetts, is to the same effect: 'Although we know just what the genuine water contains, an artificial water made by the analysis would not be the same thing medicinally. Mineral waters are the productions of natural chemical agencies, aided by time, and we really know but little of the resulting combinations and their physiological effects.'

"However skillfully combined, therefore, the manufactured imitations may be, they are destitute of the characteristic properties which nature so mysteriously and abundantly supplies in these springs. The editor of the *New York Gazette* gives his readers a timely caution, as follows: 'If you don't want to grow old prematurely; if you would keep the teeth in your mouth, the luster in your eyes; if you would not have a used-up digestive apparatus; if you would give a wide berth to Bright's disease, which is making so many bite the dust; then, first and most of all, don't drink the manufactured mineral waters that are offered from numberless fountains. They are sadly injurious, and very many people are drinking them to excess.' 'Go to the natural springs,' says Dr. Bourdon, a celebrated French physician. 'Nature is far better than the laboratory. I cannot condemn in too strong terms the use of artificial mineral waters. They never replace those of the natural springs.'"

The Paris *Figaro* says: The eminent French chemist, Boutmy and Dr. Lutaud state that after having submitted several samples of siphons to a chemical analysis they have found relatively considerable quantities of lead, ammoniac and azotic substances. They have discovered as much as 14 milligr. of tin per litre, and in some samples up to 2 milligr. of copper. The natural waters are, at least, of a purity which it would be absurd to contest.





## CHAPTER VI.

### ENTERTAINING WALKS.

THERE are a number of walks in and about Saratoga and the visitor will find ample space for exercise and merriment. Shady woods, breezy hills, and crowded streets with carriages, mingle in charming confusion, and provide attractions in every direction.

To give plain directions to enable the visitor to dispense with a guide, we will use the front steps of Congress Hall as a starting point from which to make such walking or riding as seem desirable. Of course, the grand promenade is B. Here one may see the great hotels, the carriages, and gaudy apparel. Fine raiment is a factor in the problem of Saratoga happiness; at least, the seeing it is, though one may ruin herself for millinery, unless one likes that sort of apparel. It may be comforting to know that even dresses that have been worn twice are allowable. You may be as sober as a mouse if you choose, but the majority prefer the bright "eager rat color," and the effect is vastly entertaining. On the front steps of Congress Hall, we have the hotel of the Grand Union, its brilliant stores and throngs opposite. The broad road, kept in fine order, and the trimmed sidewalks are crowded with teams and people. The scene is at once animated, high-colored, and interesting in the multitude on the walk. We may turn to the stores fully equal to city shops. Line the way. The great United States hotel is soon come opposite, and the Marvin House, and the Holden House. Then stands the Town Hall, the hotel slightly, and, after passing the Town Hall, the hotel private houses, and the stores to gardens. Crossing



ENTRANCE TO CONGRESS SPRING PARK,  
Monument Square.



## CHAPTER VI.

### ENTERTAINING WALKS.

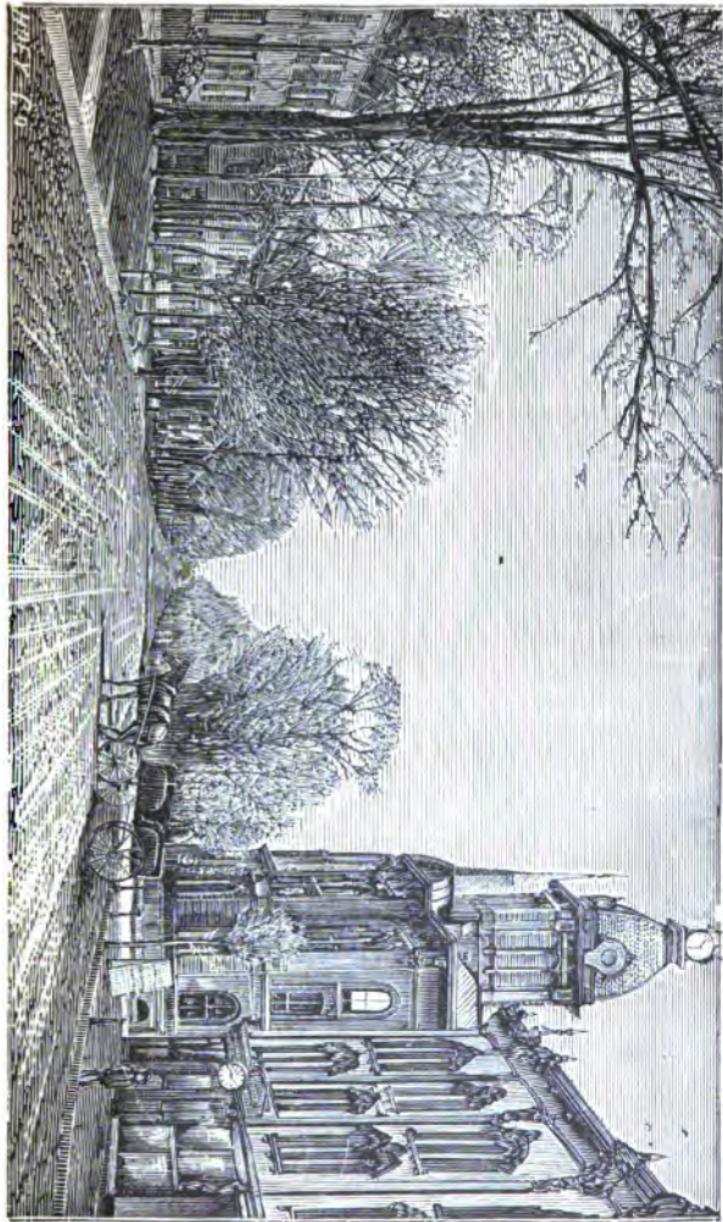
THERE are a number of walks in and about Saratoga Springs and the visitor will find ample space for exercise and amusement. Shady woods, breezy hills, and crowded streets brilliant with carriages, mingle in charming confusion, and present varied attractions in every direction.

To give plain directions to enable the visitor to dispense with a guide, we will use the front steps of Congress Hall as a starting point from which to make such walking or riding tours as seem desirable. Of course, the grand promenade is Broadway. Here one may see the great hotels, the carriages, and the gorgeous apparel. Fine raiment is a factor in the problem of Saratoga happiness; at least, the seeing it is, though one need not ruin herself for millinery, unless one likes that sort of thing. It may be comforting to know that even dresses that have been worn twice are allowable. You may be as sober as a subdued mouse if you choose, but the majority prefer the brilliancy of "enraged rat color," and the effect is vastly entertaining. Standing on the front steps of Congress Hall, we have the lofty piazza of the Grand Union, its brilliant stores and throngs of visitors opposite. The broad road, kept in fine order, and the wide grass-trimmed sidewalks are crowded with teams and people, and the scene is at once animated, high-colored, and interesting. Mincing in the multitude on the walk, we may turn to the right. Stores fully equal to city shops line the way. The American and the great United States hotels soon come opposite. Next stands the Marvin House, and the Holden House. The street turns slightly, and, after passing the Town Hall, the hotels change to private houses, and the stores to gardens. Crossing the railroad,

the Waverley House is passed on the right, and the Washington House and Broadway Hall on the left. Keeping on up the gentle hill, a number of new and very pretty gardens and villas are met, and between the houses on the right open wide views over the open country. The hills beyond rise into lovely mountain ranges on the horizon. These are the Green Mountains in Vermont, and in many places about the Springs they make an ever beautiful frame-work to the landscape. This part of the town is laid out with new streets, and in time will become a fashionable and desirable quarter. Many new houses have been put up, and the young rows of trees and well-made streets will soon attract a desirable population. Broadway continues on some distance further into the country, and eventually leads to Glen Mitchell, about  $2\frac{1}{2}$  miles from Congress Hall. Of this place more when we come to speak of drives. The return walk leads again into all the crowds of elegant loiterers about the grand hotels, and ends where it began.

Another and shorter walk turns to the left from Congress Hall, and follows South Broadway. Congress Park is on the left, and the site of the Grand Hotel, burned Oct. 1, 1874, and Crystal Spring by the Columbian Hotel, and the hotel itself are on the right. This house is of moderate size, directly in the center of all the fashionable life, and opposite the park. The Clarendon comes next, with Washington Spring in its court. This is a most delightful place, and is patronized by the select and wealthy few who prefer to take their comfort without so much grandeur as the larger houses bestow. On the corner of William Street, opposite the Clarendon, is the Roman Catholic Church, south of which are the Albermarle and Everett Boarding Houses. Just beyond the Everett House, Ballston Avenue turns off diagonally to the right. From this point we can turn either way, and wander through quiet streets, lined with beautiful and costly houses, each half-buried in its shrubbery and gardens. By turning to the left we enter Circular Street, and may pass quite around Congress Park, and so back to the hotel through East Congress Street. Congress Spring and Columbian Spring are both in this fine park and, if you care to enter, you may wander at will.

VIEW OF NORTH BROADWAY, Saratoga Springs.



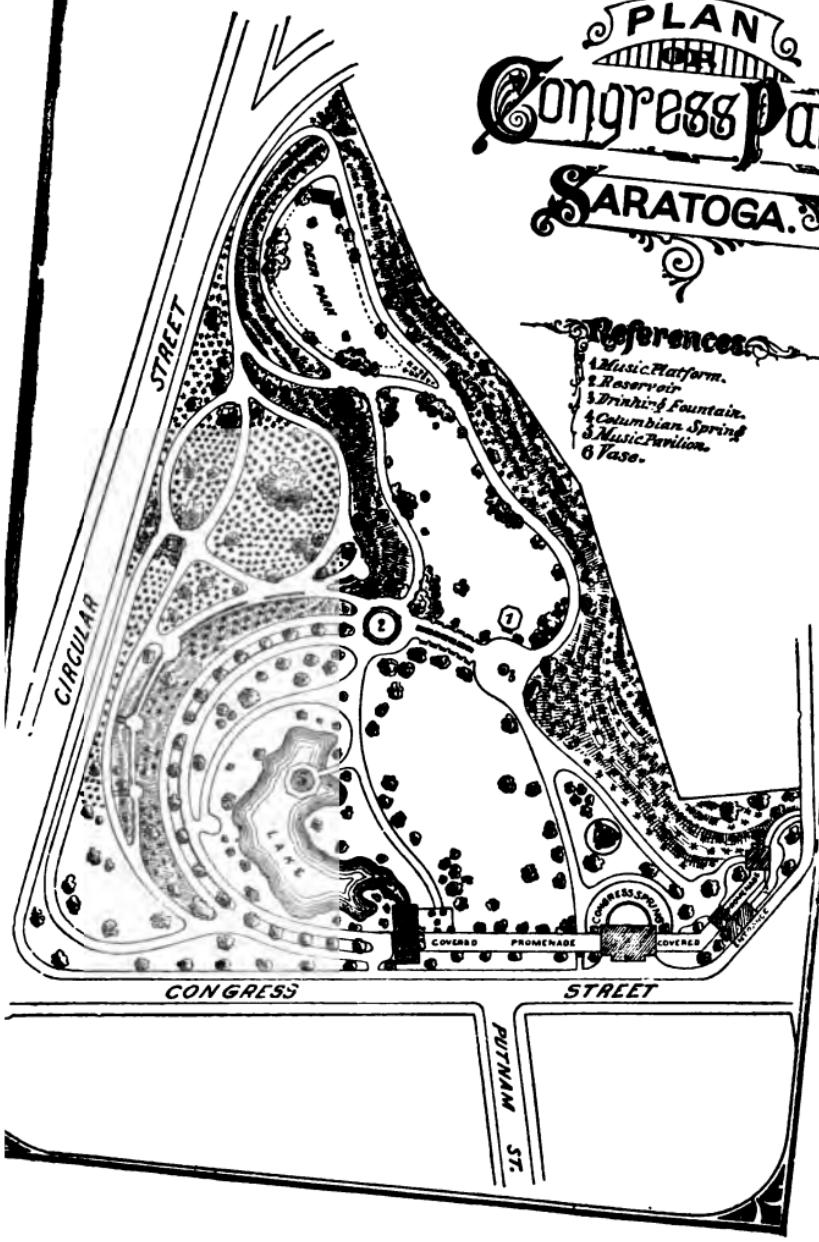
Congress Spring Park.

This beautiful park comprises almost the entire plot of ground encompassed by Broadway, Congress and Circular streets. Originally a forest, possessing many natural attractions, it has been materially improved by grading, draining, and the addition of many architectural adornments, until it now presents a most beautiful appearance, and is one of Saratoga's principal charms. During the year 1876 the Congress and Empire Spring Co. expended nearly \$100,000 on these improvements, and now it surpasses all other parks of equal size in the United States in the beauty of its graceful and artistic architecture. The grade of the low ground was raised from two to seven feet, and a new plan of drainage adopted, which involved in its system the elegant new reservoir and the charming miniature lake. The grand entrance is at the junction of Congress street and Broadway, near the Grand Union Hotel and Congress Hall, on what is now called Monument Square. On entering turn to the right and you may pass through a short colonnade to the graceful spring-house over Columbian Spring, or from the entrance turn to the left through a longer colonnade, and you come to the interior of the artistic pavilion over Congress Spring. In this interior the Congress Spring water is passed by uniformed attendants, and you may partake while seated at a little table upon which the water will be served. The process of drawing the water is novel, and you will be interested to observe it, while the mode of serving affords opportunity to drink at leisure and at ease, without the jostling and spilling incident to the old systems pursued at the other springs in town. Passing down a few steps and along the colonnade, you reach the elegant *café*, where hot coffee and other refreshments may be obtained at reasonable prices, and may be partaken of while listening to the park music and enjoying the charming view of the lakes and grounds from the *café* pavilion. Passing from the *café* you may stroll at will, visiting the lakes and the shaded lawns, and listening to the delightful music of the very celebrated Park Band, which plays morning, afternoon, and evening. In the evening the Band occupies the very unique and artistic Music Pavilion in the centre of the lake. Strolling along

PLAN  
OF  
Congress Park,  
SARATOGA.

References

- 1 Music Platform.
- 2 Reservoir.
- 3 Drinking Fountain.
- 4 Columbian Spring.
- 5 Music Pavilion.
- 6 Vase.



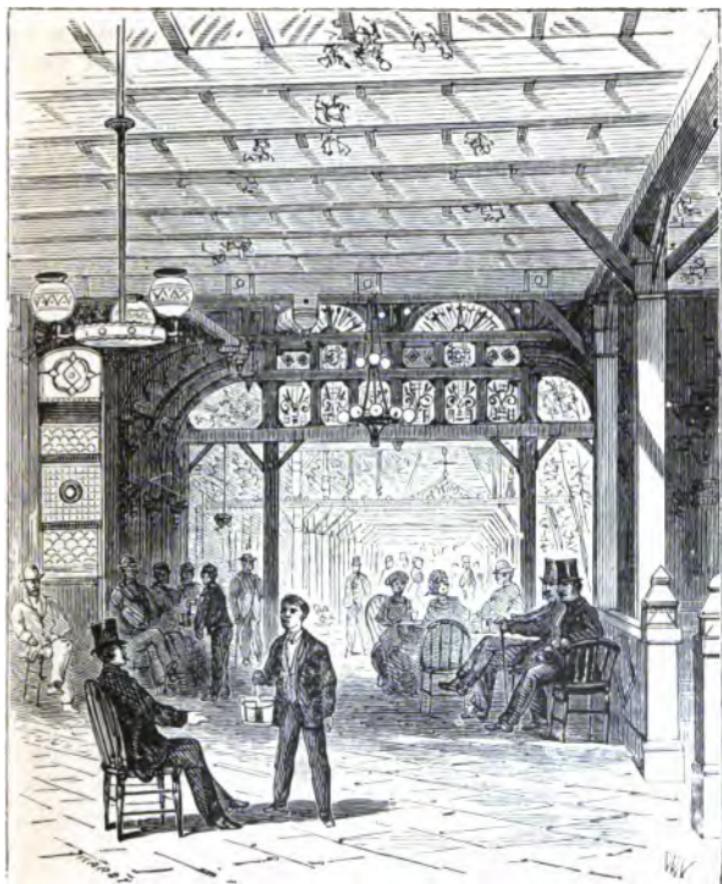
## SARATOGA ILLUSTRATED.

to the south part of the grounds, you may visit the deer shelter and park, where are several animals that roam and skip about within the enclosure, greatly to the delight of the children and the amusement of the adults. In the park, amid the flowers and shrubs, strolling over the grass-covered, shaded lawns, or lounging under the grand old forest trees, enchanted by the charming music—here it is that one may enjoy the supreme delights of a genuine rural summer resort. Every convenience for park enjoyment is here afforded, including abundant settees and shade, and the security of efficient police supervision. The grounds are thoroughly lighted by gas at night, rendering them available as a place of evening resort. The scene in the evening, on the occasion of one of the grand concerts, is remarkably brilliant and charmingly fascinating.

Admission to the park is regulated by tickets, for which a nominal charge is made. Single admission tickets, admitting to all except evening concerts, 10 cents each, or 25 tickets for \$3.00, 50 for \$3.50, 100 for \$6.00. No charge for children under ten years of age accompanied by older persons. Admission to *Grand and Sacred Evening Concert*, 25 cents, unless advertised otherwise. Tickets may be obtained at the entrance to the park.

Some may wonder that in a Resort like Saratoga, there is no park open to the public without charge, but such is the fact. Congress Park, however, supplies for this trifling charge, the desirable seclusion and security of a private park.

Access may be obtained to the Columbian Spring without entering the Congress Spring Park. A nominal admission fee is charged at the gate, just west of the main entrance to the park. The admission fee of ten cents will admit one to the Park, and both the Congress and Columbian Springs. This slight charge secures for visitors greater privacy and less annoyance than would prevail were it not for the slight restriction.



INTERIOR OF CONGRESS SPRING PAVILION.

## SARATOGA ILLUSTRATED

Starting out from Congress Hall, we may, in a little longer walk, see some of the minor wonders of the place. Turning to the left, down East Congress Street, past Congress Spring and Park, we come to the opening of the broad Union Avenue, that leads to the race-course and the lake. Just opposite the park is a large brick building, formerly owned and occupied by the late John Morrissey, for purposes best known to himself and his patrona. It is still involved in the mysteries of "ways that are dark and tricks that are vain." In the grove on the top of the hill to the left is a collection of promiscuous amusements for the children and somewhat frisky adult population. Archery, hobby-horse, whirligigs, tenpins, ice-cream, lemonade, etc., form some of the enticements of this fascinating play-ground. By turning to the right and passing along Circular Street around Congress Park, and towards the Geyser Spring, we come to the

### Indian Camp and Circular Railway.

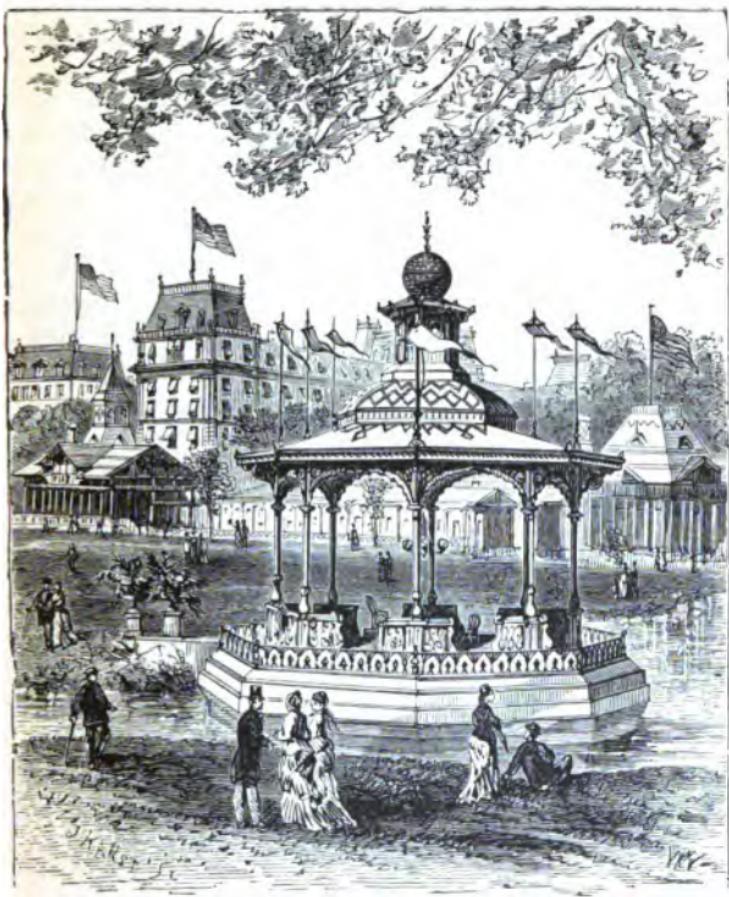
This railway is a small piece of track built in a circle, and provided with small cars. Here one may have the infantile joy of a ride in an enlarged baby-carriage round and round.

A number of shanties, half tent, half hut, are planted here, and a gypsy band, part Canadian, part Indian, live therein, and sell such things as good Indians are supposed to wear and use. Small boys urge the visitor to set up the persuasive cent, that they may hit it with their little arrows, and pocket the same. The performance is varied by sundry domestic scenes, with appropriate dresses and motions, and the whole affair is very picturesque, and is highly instructive to the inquiring mind. To be sure, it is a little theatrical, and one has grave doubts concerning the fidelity of the display to nature; but it serves to fill an idle hour, and amuse children and others.

Again walking from Congress Hall along Congress Street, we may take Circular Street to the left, and go on past a number of charming private places, till we come to

### Temple Grove Seminary.

This institution is under the charge of C. F. Dowd, A.M., of Yale, and affords every advantage in the way of a first-class education. The usual course occupies four years, and includes



**MUSIC PAVILION IN CONGRESS PARK.**

## SARATOGA ILLUSTRATED.

the best collegiate studies, with ample liberty in the way of optional studies. Some of our best people may be counted among its patrons, and its charges are said to be very reasonable. In the summer the house is used as a boarding-house, and it takes the position of a first-class hotel. Porters at the station meet all trains.

It occupies the entire square, and is pleasantly surrounded with gardens and trees. The location is desirable, as being just clear of the bustle and stir of Broadway, and still quite near all the springs and places of amusement.

### Dr. Strong's Sanitarium,

Conducted by Dr. S. E. Strong, is a celebrated and popular Remedial Institute. During the summer season it is not only a Sanitarium but a family hotel, and is extensively patronized on account of its central and beautiful location, and refined society.

After passing two more blocks on the right, we come to Lake Avenue, and turn to the right. This is a broad and pleasant street, leading to the entrance of Excelsior Park.

After leaving the more thickly-settled streets, we come to open fields on the right, and a fine grove of pines on the left. Here lovely views of the mountains open to the east, and the village comes to an end. Excelsior Park is a short distance on, up the road; but, by turning down the last street to the left, we may enter a cool and shady path through the woods, and walk along the brow of the hills; and finally, after many a turn, down into the new park, and reach the bottling-house and spring-house, and take a refreshing drink of Excelsior water.

### Excelsior Park.

This park comprises two hundred acres of land extending from Lake Avenue to Loughberry Lake, and including the grove. The land about the Spring and the lake is laid out in villa plots, and some have already been sold and built upon. The spring and the bottling-house are well worth a visit, as the system of preparing the water for export is somewhat peculiar to the place. Visitors are freely shown all the processes, and allowed to



**THORWALDSEN VASE.**  
**Congress Spring Park.**

## SARATOGA ILLUSTRATED.

roam at will through the grounds of the park. Leaving the spring, we can return by way of the path through the woods, or take a little longer route back by the way of Spring Avenue. Opposite Excelsior Spring, an avenue leads directly to the White Sulphur and Eureka Springs. Near the road is a small brook called Loughberry creek, and the Minnehaha Spring. The large house on the top of the western slope of the valley, is the Mansion House. It is an excellent boarding-house, and the majestic elms in front, the ample lawn and play-grounds, and the beautiful landscape views it commands, attract a very select class of boarders who appreciate its rural freedom and scenery. Here a road leads north, around Excelsior Lake, but we follow Spring Avenue to the left, and soon reach the Loughberry Water Works, where the great Holly Engines continually pump the lake-water through the village. A few moments may be well spent here examining these splendid engines in motion. Walking on, we soon reach

### The Springs in the Village.

Here the gay scenes peculiar to Saratoga begin. Hundreds of people are gathered around the fountains, sipping or drinking deep as their fancy or doctors bid, and the road is crowded with carriages bringing their festive loads to the waters. There is much of wealth and display, good nature and fashion, flirtation and fine clothes, and it is altogether amusing and jolly. First comes the Old Red Spring, with its box of a bottling-house. Opposite, near the railroad, is the Saratoga "A" Spring; and beyond, to the left, is the great establishment of the Empire Spring. The Star, High Rock, and Seltzer offer their varied charms next in order. It is true, the scene is not wholly lovely. There are a number of rather disagreeable old traps on the bluff, and along the wretched little street, but one may easily drown such minor griefs in a tumbler of salt water (far better than salt tears). We escape up the long step by High Rock, and soon reach Broadway and the hotel again. Saratoga Springs has its objections, its old shanties, and offensive advertisements painted on its rocks and fences, its muddy brook, and ill-kept lanes; but we can easily forgive them all on reaching Broadway and its palaces.

Another shorter walk past the railroad station, and then to

## SARATOGA ILLUSTRATED.

the right, through Clinton Street, and on out into the open country, will give one a good idea of the newer portions of the village, and afford a charming view of the country to the north and west. On reaching the hill, just clear of the village, a wide view will be obtained of the Kayaderosseras mountains in the northwest, and the blue peaks of the Catskills at the far south.

Returning, we may keep off to the left and strike Broadway just beyond the Waverley House.

Other walks may be taken at will through the village, with no fear of losing the way, as the tall roofs and towers of the great hotels readily serve as guide-marks in every direction.

### Wood Lawn Park.

This Park is the private property and summer residence of the Hon. Henry Hilton, but through his liberality and public spirit these beautiful grounds, comprising about 500 acres, are thrown open to visitors and residents of Saratoga. It is laid out in walks and drives, seven or eight miles in extent, and the paths winding over the lawn and through the shaded groves of forest trees, offer inviting retreats of entrancing beauty that should entice all lovers of nature. The spacious villa crowns the highest elevation, and from its site extended views may be obtained, embracing in their scope the Catskill Mountains to the south, the valley of the Hudson and the Green Mountains of Vermont to the east, and the Greenfield Hills, and southernmost spurs of the Adirondacks, to the north and west. The Park is most directly reached from the village by following North Broadway to Third street, thence to the west two blocks, where you enter by the main entrance. There are two other entrances, one on Broadway, farther north, and the other on Clinton street, on the west side of the Park. Visitors are freely admitted, and it is hoped they will not abuse the privileges so generously afforded them.

Other walks may be taken at will through the village, with no fear of losing the way, as the tall roofs and towers of the great hotels readily serve as guide-marks in every direction.



## CHAPTER VII.

### DRIVES.

SARATOGA is justly celebrated for its fine horses and carriages. Excellent drivers and reasonable charges have made riding popular, and good roads lead to various places of interest in the neighborhood. The grand drive is to

#### Saratoga Lake.

To aid the visitor who is his own driver, full directions will be given for all the drives in the immediate neighborhood. From Congress Hall to the lake we turn down East Congress Street, past Congress Park, and enter the broad avenue leading to the east. This is Union Avenue, the great fashionable drive. In about a mile the village is cleared, and we pass the new race-track on the right. The old track, now used for a training ground, is opposite. At the new track, races take place in July and August, attracting immense throngs of visitors from all parts of the country. Even if no races are going on, it is worth while to drive into the grounds and see the place. Beyond the race-course the road leads down hill, and affording some lovely views of the distant Green Mountains. After passing a mile or two of meadows and woods, the broad road climbs the top of a level plateau, and reaches

#### Lake House.

This house is situated on a grassy bluff, about fifty feet above the lake, affording a full view of its placid waters. Saratoga Lake, about eight miles long and perhaps two wide, is one of the most beautiful sheets of water to be found. The wooded hills at the end, and the glimpses of the Catskills beyond, the farms and

## SARATOGA ILLUSTRATED.

meadows on either bank, the little steamers and pleasure boats everywhere busy on the water, and the elegant grounds adjoining the houses, make this a favorite place of resort. Black bass and pickerel abound in the water, and at Mr. Moon's tables, out of doors or on his piazzas, we may have fish fresh from the water, and fried potatoes that have become famous through the Union. The park-like establishment next to the hotel is the property of Frank Leslie, the New York publisher, and it is well worth a visit. The boat races held here in the summer attract a great company every season, and make a feature of Saratoga life. Myer's Hotel is another resort on the eastern shore of the lake, and is reached by turning to the left just before reaching Moon's House. On the ride back to the village, some fine mountain views may be noticed soon after leaving the lake.

### Gridley's Trout Ponds.

A shorter drive in the same direction may be taken to a picturesque little dell near the Race Course, and about a mile from Congress Hall, where a series of fish-ponds afford sport for fish-lovers. Mr. Gridley, the proprietor, raises brook-trout in great quantities, and during the season opens his ponds to such as care to fish, and are willing to pay a dollar a pound for all they capture and take away. The fish are kept till three years old, and are then in fine order for the table. The visitors are provided with lines and bait, and chairs, if they wish them; and under the shade of the trees, they may pick out as much speckled liveliness as they want. As there are many thousand fish in the ponds, the sport is both active and abundant. To reach the ponds, drive out over Union Avenue to the third turn on the right beyond Congress Park. Turn here, and follow the road till a large brick house is reached. Just here a lane on the left will lead directly to the ponds. The price may seem high, but when we consider that this is the regular market price of live trout, and consider the elegant comfort with which children and ladies may indulge in the pastime, it does not seem unreasonable. Half a hundred carriages often gather around these ponds on a pleasant summer's day, while their occupants go a fishing in royal style.

**Glen Mitchell.**

A drive out Broadway (north of Congress Hall) to this pleasant resort, and around Excelsior, will be well worth the doing. The route is to follow Broadway direct to the Glen Mitchell Hotel and the Driving Park. The Hotel is a favorite house for fish and game dinners, and the park makes an admirable drive for testing speed. The Saratoga County Agricultural Society have their buildings and meetings here, and the drive, and the beautiful grounds about the hotel, are free to the public. Extensive tobogganing grounds are projected here, and it is expected that attractive winter sports will add to Saratoga's charms as a winter resort. At the Glen the visitors are shown all the points of interest. They may return by driving to the east, till the end of Excelsior Lake is reached. Here the road turns off to the right, and follows the shore to Excelsior Park, and thence, via Spring Avenue and Circular Street, to Congress Park and Hall.

**The Spouting Springs.**

Stages run regularly to these Springs; but it is only a walk of a mile and a half, if one chooses to go afoot; and in a private carriage it makes a pleasant trip. The best time to go is the latter part of the afternoon, as the Champion Spring gives its regular performance at five o'clock every day, except Sunday. From Congress Hall turn to the left, and follow South Broadway to the third turn on the right, and enter Ballston Avenue. The street leads to the south-west, diagonally from Broadway, and cannot be mistaken. After escaping from the houses, the road passes a small grove, and another Indian encampment, where the domestic squaw and the infantile papoose display as much of picturesque beauty as they can command, or sell such trinkets as their arts can make. Greater charms entice us on—the glass works and the great natural soda-fountain. The open fields that follow give a wide outlook over the country, and to the mountains on either side. Yonder black pile of buildings to the right, and just beyond the railroad, are the glass-works of the Congress Spring Company. Here are made the millions of bottles used in Saratoga, to export its waters. The works belong to the Congress Spring Company, but nearly all the spring water firms have more or less of their bottles made

## SARATOGA ILLUSTRATED.

here. If one has time, it is well worth the while to turn aside here, and look in upon the swarthy workers, dipping their long iron tubes into the white heat of the furnace, and drawing out the viscid mass, that, with dexterous toil and distended cheeks, they blow into good "pints" and "quarts." There is a strange fascination about glass-making, and, as this establishment stands in the open fields, one may visit it without meeting the gloom and dusty heat of city works.

Another grove invites us to walk along its shady edge, and splendid views of the Green Mountains open on the left, and then we come to the new village that has sprung up about the strange group of springs that have been here discovered. A number of rather startling signs point the way to the various springs, and, crossing the track, we find them all within a few rods of each other. At the top of the hill, near the railroad, stands

### The Triton House.

This summer hotel is most delightfully located, overlooking the two ponds, the water-fall, and the various springs. A depot is to be erected here, and the village made a regular stopping place on the road ; and, as the springs and the neighborhood are both attractive, the hotel will, no doubt, be liberally patronized. The house presents a neat and homelike appearance, and visitors will be sure to meet a hearty welcome.

### The Triton Spring

Is in a small building just beyond the Triton House, and near

### Coeesa Lake.

This sheet of water, on the right-hand side of the road, is opened freely, by its liberal owner, to such as care to row about along its placid waters, and among the little islands and shaded nooks that make the lake pretty and attractive. A sign informs the passing world of this privilege, with a caution to the voyager not to "abuse it." From the Lake we pass on towards

## SARATOGA ILLUSTRATED.

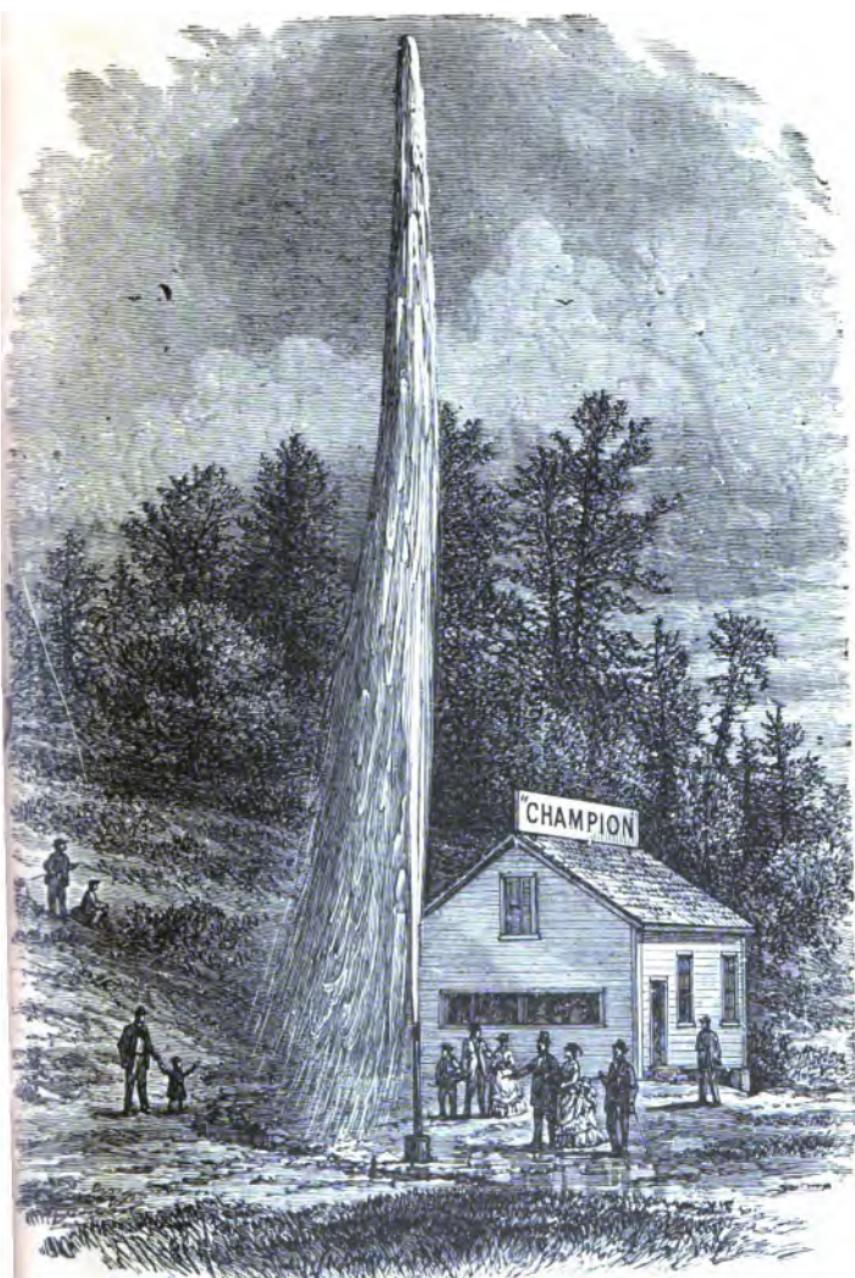
### The Vichy Spring.

This celebrated spring, poetically set in an iron fountain under a wooden canopy, on the west side of Geyser Lake, and just north of Ballston Avenue. There is a pretty lawn with a number of trees, and a picturesque farm-house on one side, and the placid little lake on the other, so that the surroundings are quite beautiful and attractive.

### The Geyser Spring

is easily found. It stands directly opposite the Lake, and a few rods from the road. It is in a large brick building below the falls, and the drive-way leads directly to the door. The grounds are neatly laid out; and the beautiful waterfall, and the rapid stream, with its grassy and well shaded banks, dashing past the bottling house, combine to give the spring a very picturesque surroundings. Entering the building the visitor is court-eously shown the wonders of the place. In the center of the room is a well, about six feet square, and from the bottom rises an iron pipe, from which leaps, in fantastic dance, the creamy water of the spring. To allow it full play, there is an opening in the ceiling, and here it rises and falls, day and night, continually. At one side, a faucet, with a nose like a soda fountain, enables one to draw a glass. The water boils and bubbles out, mingled with bubbles of gas precisely like cream soda, and all who care may have a free drink. When the bubbles have escaped, the water has a wonderful pearly purity that tempts one to drink bountifully. A glass globe on the well-curb has a stream of water flowing through it and escaping at the top. This enables us to see the thick stream of bubbling gas as it rises through the water and makes an extremely pretty display. A large business is here carried on in bottling this valuable and delicious water, and visitors are politely shown all the processes in detail.

Leaving the spring-house by the rear door, we enter the delightful landscape scenery around the spring, and follow a path down into the little dell where the stream flows on towards the ravine. From the rustic bridge over the brook is a good



**CHAMPION SPOUTING SPRING.**

## SARATOGA ILLUSTRATED.

view of the water-fall, and near it may be found a natural sulphur spring. Crossing the railroad embankment by a foot path we enter the romantic valley where stands

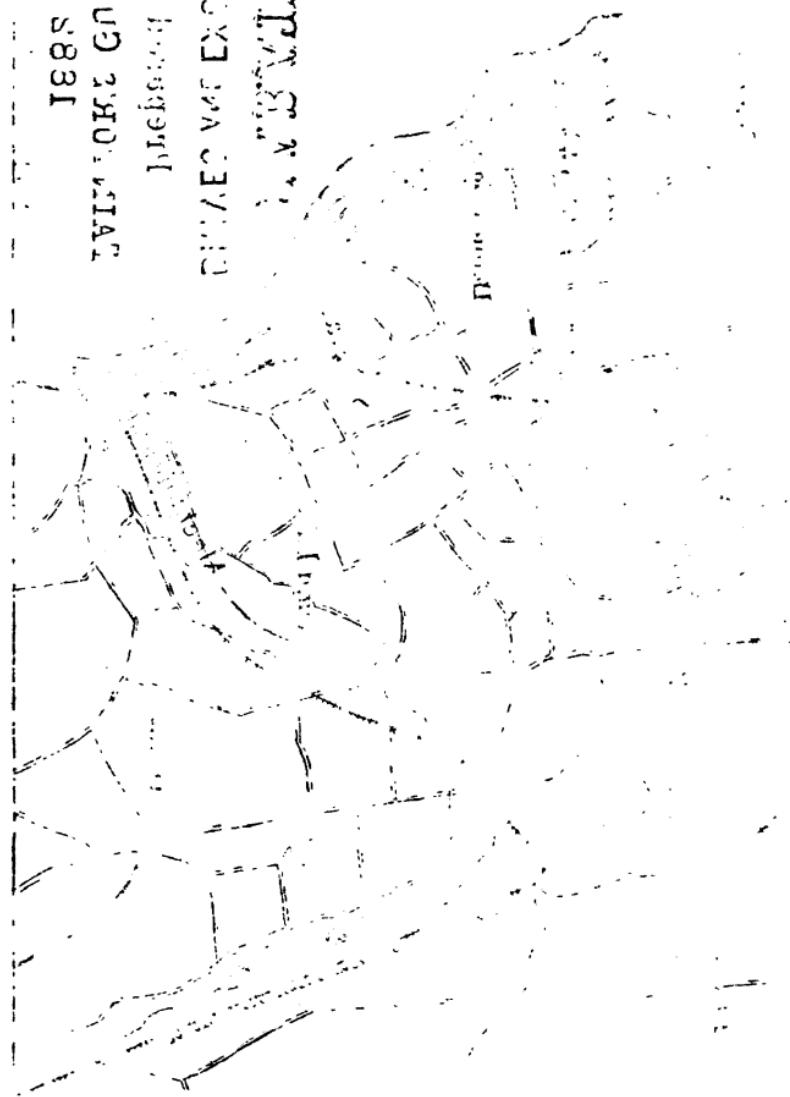
### The Champion.

This remarkable spring is not protected by any building, and its waters fall on the bare ground, mingle with some fresh water springs, and flow away into the brook beyond. There is a small bottling house near by, and an old mill. These buildings are not permanent, and the rather wild glen is to be soon improved and laid out as a park. This does not make any special difference, as our interest is with the spring and its wonderful fountain. The water for drinking and bottling is drawn in the bottling house. It is a limpid, cold, and delightful drink, and every one should have at least a taste, fresh from the lower deeps of the earth. The hour has come for the usual daily performance, and the place is crowded with carriages and pleasure-parties, gathered to see the display. Two men come out and take off the cap on the top of the upright iron pipe. At once the water leaps in a pure white column over thirty feet into the air, and falls in showers of glistening spray, presenting a brilliant spectacle of hydraulics, the like of which is not to be seen this side of the great Geysers of Iceland.

### Ballston Spa

is the county town of Saratoga county, and is seven miles south of Saratoga Springs. The drive is through Ballston Avenue, past Geyser Spring, following by the side of the railroad to Ballston village. It is a very pretty town of about 4,000 inhabitants, with beautifully-shaded streets and several objects of interest to the tourist.

The village has long been celebrated for its mineral springs. The waters are quite similar in chemical properties to those of Saratoga, and are doubtless drawn from the same natural medicinal reservoir. The principal springs already developed are the Ballston Artesian Lithia, Washington, Franklin, Sans Souci, and the new Corporation Spring. The Ballston Artesian Lithia Spring is the most celebrated, and its bottling-house is on the Saratoga drive, at the north end of the village.



TESS. TWIZZELIAE GUNN. FERG.

Blanchet & PEL.

CHINESE WAT EXCELSIOR  
" " " " " " "

FIG. 1.

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## SARATOGA ILLUSTRATED.

### Lake Lovely.

This small lake is not far from the village of Saratoga, and near Union Avenue. It is rather pretty, and has a good echo on the eastern shore, but beyond this it has no special interest.

### Chapman's Hill.

This makes a pleasant drive, and the view from the top is said to be very good.

### Wagman's Hill

Is more distant and higher, giving still more extended and striking views. A number of mineral springs are here shown, one of which, charged with an inflammable gas, is very interesting.

### Waring Hill.

This is on the Mount Pleasant road, and makes a good all-day excursion. The ride is about fifteen miles, through a pleasant country, and the view from the top includes Ballston, Saratoga, Schenectady, Waterford, Mechanicville, Schuylerville, Saratoga, and Round Lakes.

### The Prospect Hills of Greenfield.

These hills are about  $3\frac{1}{2}$  miles northwest of Saratoga Springs. They are reached by the way of Waring Avenue west to Granger's four corners, thence north two miles ; or through Greenfield Avenue in a northwesterly direction to Locust-Grove Corners, thence north half a mile. The view of the Green Mountains is very fine, and, to the south, the Helderberg Hill, of Albany, and the Catskills beyond, fringe the horizon, while Saratoga Springs is spread out like a map below.

### Corinth.

Here are some bold falls on the upper Hudson. The carriage ride is fifteen miles. By the Adirondack Railway, the falls are reached from a station called Jessup's Landing.

### Luzerne.

This pretty village, at the confluence of the Sacandaga and Hudson, is about twenty miles from the springs.

**Burgoyne's Campaign and The Saratoga Battle Ground.**

(Condensed from Mrs. Ellen Hardin Walworth's History of Burgoyne's Campaign.)

Few events in history are more intensely dramatic than the campaign of Burgoyne, in 1777, from Canada to Saratoga.

Burgoyne had witnessed the battle of Bunker Hill, and had studied the war critically. He was commissioned to begin a campaign from Canada, and Sir William Howe was to coöperate from New York, and join him at Albany. St. Leger was designated to command an expedition from Lake Ontario through the Mohawk Valley to Albany. The great province of New York was thus threatened from three quarters. Burgoyne's army and Indian allies concentrated at St. John's, June 12th, 1777, and moved southward through Lake Champlain with great pomp and splendor. The Indians led with their canoes, followed by the Royal Navy. Crown Point was reached, without opposition, on June 30th, 1777, and there Burgoyne issued his famous order: "This army must not retreat."

Burgoyne's army of 10,000 invested Ticonderoga on July 5th. St. Clair was compelled to retreat, under cover of night, with his small army, up the lake to Schenesborough (Whitehall), and on to Fort Ann and Fort Edward, where he made a stand and was reinforced by General Schuyler. Here they stayed Burgoyne's advance by obstructing the roads and stripping the country of forage. Schuyler then fell back to Stillwater.

Burgoyne reached Fort Edward, July 18th, and found his perplexities increasing. He sent an expedition, August 13th, under Colonel Baum, to capture the American supplies stored at Bennington, Vt. Brave General Stark rallied the militia and checked Baum's advance six miles from Bennington. On the morning of the 16th, placing himself at the head of his column, Stark exclaimed: "There are the red-coats; before night they must be ours, or Molly Stark's a widow"! He charged upon the entrenchments of the enemy with great fury. The British fought bravely, but Baum was killed and his surviving troops were made prisoners. The British reinforcements escaped under cover of night, leaving baggage and artillery behind. This victory inspired the Americans and disheartened the enemy. Baum was defeated and dead. St. Leger's Mohawk Valley Expedition had failed, and Burgoyne's army was in a crippled condition and in

## SARATOGA ILLUSTRATED.

the midst of increasing dangers. But still Burgoyne said : " This army must not retreat," and pressed on towards Albany. General Gates had succeeded General Schuyler, and Kosciusko, the Polish engineer, had located a camp at Bemis Heights, four miles above Stillwater, where the Americans waited Burgoyne's approach. " Quietness and gloom hung about the heavy columns of his army. No drums were beat, or trumpets sounded ; mysteriously, laboriously and persistently this strictly disciplined army was held to its course by the dogged determination and the impelling will of its commander."

The Americans were entrenched on a spur of hills approaching the Hudson. Earthworks were thrown across the meadow to the river. The heights were to the north and west. Breastworks were projected in a semi-circle nearly a mile towards the north and redoubts established at intervals. September 19th Burgoyne's army advanced. The left was commanded by Riedesel along the river. Frazer's division took the west and right and Burgoyne led the centre, his object being a union with Frazer's division in the rear of the American camp. The Americans charged the enemy with great impetuosity. The battle was fiercely contested. The Americans often scattering before the British bayonets, and the British frequently fleeing from the Americans' deadly fire. At night the Americans retired into their camp. The British held the field with a barren victory. They were foiled in their main object, but convinced that those who fight for freedom and for country fight for victory or death.

Calm after storm followed ; and the two armies, skillfully entrenched, lay face to face from Sept. 20th, to Oct. 7th—the Americans exultant, the British dejected. The former restful in their conscious strength ; the latter restless under impending disaster. The Americans had recaptured Ticonderoga and the Lake George garrisons. No aid came to Burgoyne from the Lower Hudson. October 17th Burgoyne attacked the American left with select troops, led in person by Riedesel, Frazer and Phillips. The Americans rushed furiously upon their adversaries, and so terrible was the onslaught that in less than twenty minutes " the flower of the army " was completely routed. Burgoyne took command, and rushed into the thickest of the battle to rally his army ; but he could not check a hurricane,

## SARATOGA ILLUSTRATED.

The Americans swept on, like a resistless storm, and drove their enemies from the field. One of "the fifteen decisive battles of history" had been fought and American Independence assured.

Burgoyne's army took refuge under the redoubts during the 8th of October, and the day was spent in skirmishing. At nine o'clock of that same night, Burgoyne ordered a full retreat, and next day encamped his army on the heights above Schuylerville. He was followed by the Americans, surrounded and compelled to surrender. On the 17th of October, 1777, the British army marched out of their camps under their own officers and laid down their arms on the plain near old Fort Hardy, just above Schuylerville. Led by a guard bearing the stars and stripes and a band playing Yankee Doodle, the British army marched between the files of their victors, and Burgoyne presented his sword to General Gates on "The Field of the Grounded Arms." The spot is now commemorated by a national monument.

### Memorial Tablets.

Through the patriotic efforts of Mrs. Walworth, memorial tablets have been placed on the "Battle Grounds" to mark historic points.

1. British line of Battle, Oct. 7, when first attacked by Morgan, Poor and Learned.
2. Freeman's Cottage, and the Soldiers Well, where the most bloody encounter took place in both battles.
3. Spot where Frazer fell.
4. Bridge in Frazer's camp. March of the British center, Sept. 19.
5. Burgoyne's headquarters.
6. Balcarras Redoubt.
7. Line of American Redoubts.
8. Morgan's and Poor's Headquarters.
9. Gates' Headquarters and Hospital.
10. Site of Bemis' Tavern.
11. American Redoubts near the river.
12. Position of American artillery, October 8th.
13. Taylor's House where Madame Riedesel saw Frazer's funeral.
14. Spot where Frazer is buried.
15. Sword's House.
16. Point where Lady Ackland embarked.
17. Breyman's camp-flank defense. Key to British position, captured at sunset, Oct. 7th. Here Arnold was wounded.



## CHAPTER VIII.

### AMUSEMENTS.

It may be said of Saratoga Springs that "its face is its forte." Eight months in the year it lives in fond recollections of the last season, or in hopes of the next. June, July, August and September, it devotes to the solemn duty of entertaining its thousands of visitors. It may be a solemn thing for the natives, but for the visitors it is highly jolly. As its face is its fortune, the village, with great worldly wisdom, endeavors to wear as pretty a face as it can, and makes a special effort to entertain its company. The result is a gratifying success.

The stranger, on arriving, at once asks for an "order of exercises." What are the proper things to do? how do you do them and what are the correct hours? The programme has never been printed, and the best that can be done is to refer to the charms of the place, as set forth elsewhere, and let the intelligent visitor take his choice.

The first and most proper thing to do is to get up and go out before breakfast for a drink of spring water. Of course, one has duly consulted an M. D. in regard to this matter, and settled beforehand which spring is to be patronized. If this has been neglected, the chances are of receiving a vast amount of earnest and useless advice from innocents who have imbibed, and been cured of various prosaic complaints that they were heirs to from their youth up. The way these people rehearse their miseries, the touching tales they repeat of their disordered stomachs (as if any one cared for them), and the beautiful enthusiasm they display concerning their wonderful cures, make one of the minor amusements of Saratoga Springs. It may be safely called an amusement, for to every one but themselves their case is more funny than sad, more ridiculous than pathetic. One must

## SARATOGA ILLUSTRATED.

so proof against these gratuitous advice-givers, and learn to listen to their tales of woe with amused resignation and heroic neglect. Select your own spring, and never take the advice of any one, unless it be your wife or medical man.

Determined to have a good time, the visitor no sooner escapes the advice of the good-natured incapables than he takes his prescribed glass, and, in a thankful frame of mind, turns to see the others drink. Their ways are various—very. Some imbibe vast gobletfuls with a heroic smile; some sip from dainty cups, and try to make people think they like it—which isn't true. Others simply drink, and drink, and drink, till the spectator is lost in wonder, love, and praise to think they do not explode like a defective soda-fountain. Some call it delicious; others, horrid; and some don't drink at all, being timid withal. No place in the world will so bring out the likes and dislikes, weaknesses and small vanities of people, as a Saratoga spring early in the morning. To stand on one side and see the performance, serves as an exhilarant, and will make one good-natured for half a day. This episode being over, one may return to the hotel for breakfast. By this time the morning meal acquires a wonderful interest. The waters act as a splendid stimulant to the appetite, and one is inclined to be particularly courageous with knife and fork. This, too, may be called part of the amusement programme, for the filling of such a particularly fine multitude is a performance both entertaining and peculiar. When half a thousand people take coffee together, there is sure to be much that is original and amusing, and nowhere in the world are such gorgeous and multitudinous breakfasts served under one roof as at Saratoga Springs. Breakfast over, one may do as he pleases, with the most refreshing freedom—that is, if you are a man. If not, an iron rule of conduct has been laid down for the ordering of your uprising and downsitting, goings out and comings in. This is the solemn formula announced by one of those awful authorities that rule the fashionable world. Every lady will read it with tears of gratitude when she thinks of the humiliating disaster its obedience will save her.

"Rise and dress; go down to the spring; drink to the music of the band; walk around the park; bow to gentlemen; chat;

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ittle ; drink again ; breakfast ; see who comes in on the train take a siesta ; walk in the parlor ; bow to gentlemen ; have a little small talk with gentlemen ; have some gossip with ladies dress for dinner ; take dinner an hour and a half ; sit in the grounds, and hear the music of the band ; ride to the lake ; see who comes by the evening train ; dress for tea ; get tea ; dress for the hop ; attend the hop ; chat a while in the parlors, and listen to a song from some guest ; go to bed."

The amount of wisdom involved in the above rules for conduct while in Saratoga is immense. See what delights, what charms of social intercourse ; what heavenly pleasures are spread before the lady visitor ! Society is made for the young lady—and so is Saratoga. The sensible girl, the young woman with a mind of her own, laughs a scornful laugh at such folly, and does as she pleases with young American independence. She listens to the band if she wants to ; she visits the Indians or the circular railway, or goes to Gridley's to fish the speckled trout in an arm chair, or she does what she likes, and does not go to bed at all if there is a ball going on. Put ten thousand well educated people, with nothing to do and great skill in doing it, in half-a-dozen houses not half-a-mile apart, and, in the nature of things, there are "good times" in abundance. Small need of such a silly programme as the above, while half the village stands ready to amuse the visitors and all the visitors stand ready to amuse themselves. There are walks and drives, music and dancing, parties both small and great, hops every night, and a grand ball every week. There are excursions in every direction, and fifty thousand well-dressed people to see in a week. The wealth, brains, and culture of the country meet at Saratoga Springs, and any one with a grain of common sense can find abundance to do, to see, and to admire. There is no lack of social intercourse of the most refined and cultivated kind, and such absurd directions for conduct as we have quoted would be insulting were they not so wonderfully silly.

For those who prefer muscular delights there are the numerous bowling-places, where the festive ball and the animated nine-pins may be rolled and tumbled to one's heart's content. These establishments are well arranged and admirably kept.

## SARATOGA ILLUSTRATED.

### Boat-Races, Base-Ball Matches, etc.

Rowing Regattas are held at Saratoga annually, and embrace races between College crews and other amateurs as well as professional oarsmen. These usually begin in July, and occur at intervals during the season.

Base-ball matches and foot-races are held every season, at Glen Mitchell, between the various colleges and other organizations. Military regiments also camp here every summer, and add new life and interest to the place.

### The Horse Races

Take place at the magnificent new race-course on Union Avenue in July and August. They are usually arranged in two meetings—the first extending from about July 20th to August 5th; the second meeting extends from about August 10th to August 31st. There are five or six racing-days in each meeting, and great interest is always manifested in them. The meetings are under the charge of the Saratoga Association, and everything is done to render the races agreeable and acceptable to the tens of thousands who witness them. The trots occur at the Glen Mitchell, usually on alternate days with the running-races at the race-course.

To fishermen, who prefer the milder sports of the rod, there are admirable excursions over the Adirondack Railroad to the woods and mountains of the great Adirondack Park.

An all-day's trip for ladies and children may be taken in the little steamers that make the tour of Saratoga Lake. The ride to the lake in the morning, and the sail to the White Sulphur Springs at the southern end of the lake and the ride home in the afternoon, make a charming trip.



## CHAPTER IX.

### EXCURSIONS.

THE summer visitor at Saratoga, who has become somewhat weary of the constant bustle and excitement of the fashionable world, often yearns for the green fields, the grand old mountains, the fragrant wildwoods, and the real picturesqueness of the country. It cannot be denied that Saratoga, so rich in its spas, and entertaining in its social amusements, is deficient in those natural attractions which constitute the charm of real country life. But within a few miles of the village are many interesting and beautiful places, which may be visited from Saratoga in one or two days' time. These excursions will afford very acceptable variety to Saratoga gayety, and the highest enjoyment of country life. The one route affording the greatest variety of really beautiful and romantic scenery, is the

#### Adirondack Railroad.

Beginning at Saratoga Springs, it runs in a northerly direction towards the great hunting and fishing grounds of Northern New York. The road is projected through the heart of the Great Wilderness to Ogdensburg, on the St. Lawrence River, and is intended to open up these vast wilds, of 150 miles diameter, to civilization, and the easy access of the tourist and hunter. It now runs to Lanesville, Hadley, Thurman, Riverside and North Creek, a distance of 57 miles from Saratoga Springs, forming the most direct railroad route to the Valley of the Upper Hudson and the Wilderness. At Riverside stages connect, running to Chester, Potterville, Steamers on Schroon Lake, and to the upper country. From North Creek stages run to Jackson's Blue Mountain Lake, and Cedar River Falls, the most desirable rendezvous and starting-point from which to reach Raquette Lake and the heart of the Great Forest. Express trains leave Saratoga Springs on arrival of the morning trains from the South, connecting on

## SARATOGA ILLUSTRATED.

return with the trains going South. Along and near this road are some of the most romantic and charming spots to be found in the world. We mention a few of these excursions, which will be found delightful, with a small company of congenial companions. Before starting, buy one of Taintor's Hudson River Guides, price 15 cents, at the Saratoga book-store, which gives a map and description of villages and scenery.

### EXCURSIONS.

**No. 1.**—To Jessup's Landing, on the Hudson River, 17 miles from Saratoga, via Adirondack Railroad, at the edge of the wild and mountainous Adirondack region. Objects of interest—the 70 feet falls in the Hudson, with the half-mile rapids above; the grand and beautiful mountain scenery, and the extensive manufactory of the Hudson River Pulp Company for making pulp from wood, for the manufacture of paper. Dine at the hotel, and return to Saratoga by the afternoon train.

**No. 2.**—To Luzerne, Warren County, N. Y., 22 miles from Saratoga, via Adirondack Railroad. Leave Saratoga on the morning train; cross the Sacondaga River on the railroad bridge, 450 feet long and 96 feet high. Visit the charming little village on the banks of the Hudson River, between the mountains on either side, 600 feet high; the rapids and falls in the river; the beautiful Lake Luzerne, affording fine trout-fishing or sailing. Dine at Butler's or Rockwell's hotel, both famous for their game dinners, and return in the afternoon of the same day, or the next day, as you choose, to Saratoga.

**No. 3.**—To Schroon Lake, Warren County, N. Y., via Adirondack Railroad, 50 miles, to Riverside, on the Hudson, thence by stage, 6 miles to Pottersville, foot of Schroon Lake. Steamboat excursion on the Lake; Leland's or Windsor hotel; Schroon Lake Village; fine fishing or hunting; charmingly-picturesque scenery. Remain over night at either of the good hotels—Windsor Hotel, Leland House, Ondawa House, or others. Return via same route to Saratoga next day or later.

**No. 4.**—To Blue Mt. Lake and Cedar River Falls, Hamilton County, N. Y., via morning train on Adirondack Railroad to North Creek, 58 miles; thence by stage, 20 miles, to Riley's formerly Jackson's, via "Fourteenth" "Indian River"; thence

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to Blue Mt. Lake, 10 miles from Jackson's, at evening of same day. Two or three good hotels and boarding houses in vicinity of Raquette Lake; Moose Lake; Mohican Lake; Three Cedar Lakes; Sumner Lake; Shedd Lake; Moose River, the finest trout fishing in the Adirondacks. The route to Cedar River Falls diverges from Jackson's via stage to Wakley's Hotel, Cedar River Falls, 12 miles distant. Return at leisure via same route.

No. 5.—To Lake George, by morning train on Del. and Hudson Canal Co.'s R. R. to Whitehall, Ticonderoga, and Baldwin's; thence by steamer on Lake George to Fort William Henry Hotel; thence by railroad to Glen's Falls and Fort Edward; back to Saratoga same day. This is the most delightful excursion that can be completed in one day from Saratoga.

Or, via morning train on Delaware and Hudson Canal Co.'s Railroad to Fort Edward, Glen's Falls; thence by rail through wild and mountainous scenery to Lake George. On the same morning at 9, take steamer down Lake George to Baldwin's; thence by Delaware Hudson Canal Co.'s R.R. to Ticonderoga, Whitehall and Saratoga, arriving in time for supper.

No. 6.—To Ballston Spa, 7 miles, via Delaware and Hudson Co.'s Railroad, or carriage. Visit the Artesian Lithia Spring, Sans Souci Boiling Spring, and others. Dine at Sans Souci Hotel, and return at 3 or 6 P.M., on same day.

No. 7.—To Round Lake, via Delaware and Hudson Co.'s Railroad, 12 miles. National Camp Meeting Grounds of the Methodist Church, Round Lake. Return same day, at 3 or 6 P.M.

No. 8.—To Union College, Schenectady, N. Y., 22 miles, via morning train Delaware and Hudson Co.'s Railroad to Schenectady. Visit the college and city. Return, by 5 o'clock train, same day, to Saratoga, via same route.

No. 9.—To Hoosac Tunnel, Mass., via morning train on Delaware and Hudson Canal Co.'s Railroad to Troy; thence, via Troy and Boston Railroad to Hoosac Tunnel, 7 miles long. Remain over night at Ballou House. Return to Saratoga next day, via same route.

No. 10.—To Saratoga Battle Grounds, 15 miles east of Saratoga.

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Saratoga Springs, by rail, private carriage or stage, to Bemis' Heights and Stillwater. Dine at Schuylerville, and return same day or next day, as you choose, or

**No. 11.—Saratoga Battle Grounds.**—Take Boston, Hoosac Tunnel and Western Railroad, by way of Saratoga Lake, to Battle Ground Station. Return same day.

**No. 12. - Schuylerville, scene of Burgoyne's Surrender**  
Take Boston, Hoosac Tunnel and Western R. R. to Schuylerville, 12 miles. Visit National Monument and ruins of old Fort Harding. Return same day.

**No. 13.—To Mt. McGregor,** ten miles from Saratoga Springs. Take Mt. McGregor Railroad at Depot on North Broadway, near Waverly House. Trains run every hour. Dine at restaurant, top of Mt. McGregor, and return same afternoon or sooner.

**No. 14.—Manchester, Vt.,** via Rensselaer and Saratoga Railroad to Rutland, on morning train; thence, via Harlem Extension Railroad, to Manchester, Vt. Remain over night at Equinox House, and return next day by same route, or via North Bennington and Troy.

## SARATOGA LAKE RAILWAY.

SARATOGA LAKE, WHITE SULPHUR SPRINGS HOTEL AND PARK,  
SCHUYLERVILLE AND SARATOGA BATTLE GROUNDS.

This railroad was completed and opened to travel on the 1st of July, 1881. It has brought Saratoga Lake and some other of Saratoga's attractions within easy and comfortable access of visitors at a very small expense. Starting from Lake Avenue, one block east of the City Hall, the railroad runs along in front of the Magnetic, Seltzer, High Rock, Star, Empire and Red Springs, passing by the Loughberry Water Works, to Excelsior Spring, Eureka and White Sulphur Springs to Saratoga Lake, where it connects with Steamers for Riley's and the White Sulphur Springs Hotel and Park on the east side of the lake. Trains stop to dismiss and receive passengers at the Seltzer and High Rock Springs, the Star and Empire Spring, the Red Spring, the Excelsior and Union Springs, the Eureka and White Sulphur Springs and bath houses, and the Briggs House, Saratoga Lake. This arrangement affords easy and pleasurable accommodations for visiting these important springs without fatigue or exposure.

At the lake connection is made with the new and beautiful iron steamer, "The Lady of the Lake." This elegant steamer has three decks and will carry 2,000 passengers. It was built by the railroad company in 1881, to carry their passengers up the lake to Riley's and the famous White Sulphur Springs and Park.

The Boston Hoosac Tunnel and Western Railroad Company has constructed a line of railway from Saratoga Lake to its main line at Mechanicville, N. Y., and will run through trains from Boston and the east to Saratoga Springs.

Local excursion trains will be run regularly during the summer season in connection with the boat, and all under one management. Excursion trains will also be run to and from Schuylerville, the scene of Burgoyne's surrender and the site of the National Monument, also to the station nearest the Saratoga Battle Grounds, now marked with "Memorial Tablets."

Special moonlight excursions from Saratoga, to and through the Lake and return, will be arranged from time to time. Trains run every hour regularly, and in connection with the boat. A round trip of 24 miles for 25 cents.

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The excursion over the railway to the Briggs House and over Saratoga Lake to the White Sulphur Springs and Park, is one of the most delightful that can be made from Saratoga.



SARATOGA LAKE.

From White Sulphur Springs Hotel and Park. Snake Hill in the distance.

The White Sulphur Springs Hotel is elegantly fitted up, and has several private dining rooms for parties who desire to dine by themselves, and ample accommodations for regular guests.

The grounds about the Hotel comprise over 100 acres of beautiful lawn, shaded by grand old forest trees among which are miles of walks and many charming retreats.

Several pretty cottages are on the grounds and more are to be constructed. These are to be rented to persons either with or without board at the hotel. Elegant and commodious Bath Houses, offering superior facilities for Sulphur and Mineral Baths, both hot and cold, are connected with the Hotel.

## MOUNT McGREGOR.

### SARATOGA'S GREAT MOUNTAIN RESORT.

CONNECTED WITH SARATOGA, BY ONE OF THE BEST EQUIPPED RAILROADS IN THE WORLD. A THOUSAND ACRE MOUNTAIN PARK, THIRTY MILES NORTH OF AND 1,000 FEET ABOVE SARATOGA. HAY FEVER AND ASTHMA UNKNOWN AT MT. McGREGOR.

Mount McGregor owes its summer resort popularity to Mr. Duncan McGregor. Some years ago, appreciating the advantages of this charming mountain, and foreseeing its popularity as a mountain annex for Saratoga's 200,000 annual visitors, Mr McGregor constructed a carriage road up the mountain, and built a hotel on the summit and thus became the pioneer of this now famous mountain resort. Mt. McGregor has grown constantly in public favor. Notwithstanding its apparent inaccessibility, before the railroad was built, thousands visited it every year, and every visitor has become a traveling advertisement for this charming spot. Saratoga's most famous guests have driven over the long and tedious road with their elegant turnouts to enjoy the exhilarating atmosphere of Mount McGregor. Only one thing has been lacking to make it one of the most popular resorts in America, and that has been cheap, comfortable and quick transportation.

The final development of this beautiful Adirondack Annex to Saratoga, was undertaken and accomplished by a remarkably enterprising young man, Mr. W. J. Arkell, of Canajoharie, N. Y. To his artistic appreciation and resistless persistence is largely due the organization of the Saratoga, Mt. McGregor and Lake George Railway Co. The road was commenced in March, 1882, and completed to the summit of Mt. McGregor the following June.

#### **Mt. McGregor and how to reach it.**

The rise of ground in Broadway, Saratoga, is the beginning of the Adirondack Range, gradually ascending toward the north. Mount McGregor is the first bold spur of the Adirondacks, rising a thousand feet above Saratoga, and only ten miles away.

The Saratoga station, of the Mt. McGregor railway, is north of and adjoining the Waverly House on North Broadway. From this point the track runs parallel with the Delaware and Hudson Canal Company's Railway, on the high bank above, and passing the Star, Empire, Red and "A" Springs on the right.

Near the water works, the road branches off to the left skirting along Loughberry Lake, leaving Excelsior Spring and Park on the right and passing Glen Mitchell on the east. From this point the road is nearly straight for six miles and almost on a level grade. Wilton, seven miles from Saratoga, is the only station along the route. Wilton village lies at the foot of Mount McGregor, and it is from this point that the ascent of the mountain properly begins. The road winds around the mountain, some four miles, in the form of a huge letter S, with a uniform grade of 212 feet per mile. The mountain station is on the summit and only a few steps from the hotel and restaurant. The equipment of the road is most complete. The locomotives and coaches have been made with exceptional care, skill and taste. The coaches are finished in mahogany, with large adjustable windows to afford opportunity to see the mountain views.

The wild and magnificent scenery along the mountain road can not be described. It must be seen to be appreciated. You are constantly startled with the sudden changes. Every turn is a surprise. All the senses and emotions are called into play in an incredibly short time. Now your poetic soul is fired with a fifty mile landscape spread out before you, but your ecstasy is suddenly broken, as the train dashes through a rocky cut, and scarcely has the cavernous roar died away before you are gazing timidly from some giddy trestle into a yawning chasm, and involuntarily reviewing the past and contemplating "the sweet bye and bye." On, on we go and "the tireless horse" easily climbs the iron road. We turn sharply around the mountain, and in a moment we are seemingly buried in a primeval forest. We soon emerge, and as we near the top we see through extended vistas into broad valleys below, and over boundless landscapes beyond.

We have been charmed with the trip and find ourselves prepared to appreciate the summit views of Mount McGregor.

Far away to the north and north-west the far famed Adirondacks lean against the sky, with pinnacles towering, king-like, above. Prospect mountain in the north and French mountain in the north-east, define the gigantic water-sheds of the delicate Lake George. The beautiful Hudson forms a crescent only two miles below us and meanders away to the north-east.

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Glen's Falls, Sandy Hill and Fort Edward are seen distinctly in the north-east, while beyond, the Green Mountains of Vermont and the blue outlines of the New Hampshire Hills serve as a background for one of the finest landscapes in America.

"True 'tis a scene of loveliness,

Below you are fields of waving grain, and pastures and lazy herds,  
about you are wild flowers and murmuring pines.

"Your thoughts are wandering up,  
Far up the streams of time;  
And long slept recollections of old tales,  
Are rushing on your memory as ye breathe,  
That valleys storied name,  
**FIELD OF THE GROUNDED ARMS**!"

It is Schuylerville and the Saratoga Battle ground, miles away, but visible in the south-east, that have stirred the memories of history. Bemis Heights, where was fought the first great decisive battle in the war that made us a nation. Schuylerville, the scene of Burgoyne's surrender, now commemorated by a national monument. Saratoga Lake and Snake Hill add much to the picturesque view before us. The hotel towers of Saratoga remind one of the gayeties of the great American Spa and the numerous Saratoga attractions that can be reached from Mt. McGregor in half an hour. The world renowned Catskills complete the great panorama before us, and as we enjoy the exhilarating atmosphere of McGregor's lofty mountain, we wonder why all Saratoga visitors have not been brought here before.

Some one has said: "see Italy and die;" but those who see Mount McGregor say: "See Mount McGregor and live, live to see and enjoy it from year to year. Renovate your system at the Saratoga Springs, but renew your youth at Mount McGregor," it is the "Great Eldorado of the North."

The Mount McGregor Railway Company has absolute control of one thousand acres on this mountain, which will eventually be one of the grandest mountain parks in the world. In this park are two natural mountain lakes, Lake Anna and Lake Bonita. These lakes are stocked with fish and easily reached by carriage roads. There are miles of pleasant drives over easy grades.

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A popular feature of this resort will be a series of family cottages in connection with a large hotel now being built. An ample supply of pure water is furnished from a deep artesian well. The view from a look-out tower commands a wide range of the upper Hudson. There is also a western outlook from Mt. McGregor towards Jessup's Landing, Luzerne and the Adirondacks proper, affording a fine view of the Hudson.

### Mt. McGregor Restaurant and Café.

A large restaurant has been erected on Overlook Point, built after the Manhattan Beach style, with windows extending to the floor, easily opened or closed as occasion demands. Family and party tables are provided. A wide piazza extends on three sides of the Restaurant affording ample opportunity to enjoy the scenery and cool breezes. The Restaurant is in the hands of experienced management and the public will be served in a first-class manner.

The Mount McGregor Railway is particularly a pleasure road, controlled by the company, and trains will be run to accommodate the public, at all reasonable hours. Visitors to Saratoga should not fail to spend a few days at Mt. McGregor.

Mt. McGregor is highly recommended for persons suffering from hay-fever and asthma.

### Mt. McGregor Gallery of American Art.

For the purpose of adding the best representations of American Art to the many beauties of Nature on this mountain, the Mt. McGregor Art Association has been established here with a permanent endowment fund. A permanent gallery has been erected and already contains more than a hundred of the best oil paintings executed by the best American artists. The object of this association is the promotion of American Art. The productions of American artists only will be exhibited here. A nominal admission fee is charged for the purpose only of defraying incidental expenses. Lovers of Art should not fail to visit this remarkable collection.



## CHAPTER X.

### COMMERCIAL INTERESTS.

THE most prominent features of business in Saratoga are the bottling and selling of the mineral waters, and the entertainment of summer visitors. These two pursuits have absorbed a vast amount of capital, and some of Saratoga's most enterprising citizens are engaged in these occupations. The several springs are owned by different stock companies or private interests, and the amount of capital invested in each varies from \$5,000 to \$1,000,000. Many of the springs are very valuable, both for the amount expended in developing them, and the large amount of valuable mineral water they produce. To place these waters in all the leading cities of the United States, and the world, has required the greatest energy and business skill, and the substantial results obtained in this field are a creditable testimony to the managers of this important work. The task of providing bed and board for the hundred thousand people who annually come here is enormous. No one who has visited Saratoga in July or August, and seen the bustle of the great hotels, as each train brings hundreds of new arrivals, can fail to be impressed with the magnitude the hotel business has attained at this place. The palatial buildings, the exquisite decorations and furnishing the bountiful tables loaded with delicacies and luxuries, the lavishness expended for the entertainment of guests, have involved immense capital, and require more than ordinary supervision. But, besides the spring and hotel interests, and the general business of entertaining, there is a large mercantile interest, and Saratoga boasts of many stores of considerable size, well-stocked with such goods as the visitors and residents require. They are situated mostly on Broadway, between Congress Street and the Town Hall, and present very attractive windows, as one strolls

**Doney's News Room.**

The latest publications, including works of fiction by popular authors, may readily be purchased at Doney's, 453 Broadway. He is enterprising and wide-awake. Most of the leading newspapers (daily and weekly), periodicals and magazines, can be found there, and what is not in stock is promptly ordered and sent to residences. The stock of general stationery is good, and in addition to articles usually found in book-stores, he keeps guide-books and a very serviceable selection of materials for outdoor games and sports, such as tennis, baseball, etc.

**The Saratoga Book-Store.**

C. P. Penfield's new place of business, at 410 Broadway, opposite The Worden, is a very neat and attractive book and stationery store. He keeps the latest editions of books, magazines, guide-books of American routes, pocket cutlery, pocket-books, gold pens, fountain pens and all kinds of games, and is prepared to supply all books in a day or two, if not found on his shelves, at publishers' lowest retail prices in the cities. He is very polite and popular, and visitors are afforded ample opportunity to examine, and given all needed information respecting the latest publications.

**Brunner's News-Rooms.**

Mr. Bernard Brunner has established a news-room, opening just off the lobby of the Post-Office, in the Arcade. It may also be entered from Phila Street. He makes a specialty of newspapers, magazines, guide-books, stationery, games, croquet sets, etc., and all articles commonly found in news-rooms. He is prompt, and will procure, at shortest notice, any news publication desired, if not found on hand at his news-room.

Mr. Brunner's store is an attractive place to the lover of literature, and should be frequented by those who are fond of reading

## SARATOGA ILLUSTRATED.

### Saratoga Real Estate Investments.

The safest and, in the long run, most productive investment is that in Real Estate. The unoccupied lands in this country are nearly all taken up, and when that process is completed Real Estate values everywhere will advance. Land is the only property that at the same time earns income and increases its own value. There may be fluctuations from year to year, but take a long series of years, and land anywhere will be found to have greatly advanced. Besides it is the most stable and the only absolutely safe form of investment. All land is a good thing to swap money for, but some is much better than others. The best of all is in Saratoga Springs. Prices are not now high, though they have greatly improved in the last few years, and are at present rapidly advancing. Saratoga is and always will be the leading fashionable watering-place, and the most popular health and pleasure resort in America. As a place of permanent residence, its salubrity, accessibility, churches, schools, and other public institutions, cultivated society, winter sports, pleasant drives and suburban resorts, advantages for fishing and hunting, its brilliant summer life, its pleasant home and social enjoyments during all the remainder of the year, combine to make it the ideal place to live. The vast amount of capital invested in its Springs, hotels, parks and public institutions puts Saratoga beyond the danger of collapse, or even stagnation. The capitalists who have planted vast sums here, would be compelled by self-interest to protect their holdings, if there were no other incentive. The population of Saratoga is remarkably free from disorderly elements, and it is outside the zone of cyclones, violent storms, and other natural convulsions. The means of entertainment are not surpassed in the largest cities, and at the same time one can live as sequestered as in the ordinary rural village. Cultured people of means are every year making Saratoga their home. An hour's ride takes one to Albany, the capital of the Empire State, and less than half a summer day will land you in New York, Boston, or Philadelphia.

For specific, full and trustworthy information respecting Saratoga investments, address The Saratoga Real Estate Office, Conkling & Knapp, 6 Arcade, Saratoga Springs, N. Y.

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### The Daily Paper.

Visitors will find the "Daily Saratogian," the bright morning local newspaper, almost indispensable, if they wish to know what is going on in town. This is a live, spicy journal edited by good writers, and published in neat style, often illustrated, and gives the programme of each day's entertainments, and the arrivals on the previous day at the hotels, in each morning's issue. The telegraphic columns have the latest news.

### The National Express Company

Has a handsome package and money office under the United States Hotel, and a merchandise office at the railroad depot. It is the only company of general express forwarders to Saratoga, Northern New York, and Vermont. It receives trunks and parcels at Saratoga, to be sent to any part of the United States and Canada, and is prompt in attending to orders left at its office at the railroad depot in Saratoga, or at any of its offices in New York.



## CHAPTER XI.

### HISTORY OF SARATOGA SPRINGS.

The name of Saratoga is derived from an old Indian name, *W-rach-ta-gue*—meaning *the hillside country of the great river*—and referred to that tract of land lying six miles back on either side of the Hudson, and fifteen miles in length, embracing the present townships of Saratoga and Stillwater on the west, and Easton on the east side of the Hudson River. This tract was deeded by the Indians, in 1684, to Peter Philip Schuyler and six other citizens of Albany. It extended, as described in the Letters Patent, from *Di-on-on-da-ho-wa*, now the Batten Kill, to *Then en-do-ho-wa*, now the Anthony Kill, near Mechanicville, on both sides of the *Co-ho-ta-te-a*, now Hudson River. The tract embracing the present springs was called by the Indians, *Kay-ad-roo ze-ra*—*the lake country*—and was a favorite hunting ground whose name is now retained for the large stream flowing through the county and emptying into the Hudson at Mechanicville.

When the mineral springs were first discovered by the whites, they unwittingly called them “The Springs near Saratoga,” though situated several miles away from the real *Sarach-ta-gue*, in another hunting ground; and thus the less distinguished robbed the more noted of its name and fame.

“ Ye say they all have passed away,  
That noble race and brave,  
That their light canoes have vanish'd  
From off the crested wave;  
That 'mid the forest where they roam'd  
There rings no hunter's shout.  
*But their name is on your waters,*  
*Ye may not wash it out.”*

In the year 1703, one Rip Van Dam and twelve associates took of the Mohawk chiefs, an Indian deed of *Kny ad-ros-se-ra*. It was not until 1768 that the deed, through the powerful influence of Sir William Johnson was confirmed by the tribe. The chiefs said they were told by the agents of the purchasers, that the description in the deed only covered "land enough for a good sized farm," and that they never intended by it to convey to the whites, "for a few baubles," their great hunting ground containing half a million acres. But after more than sixty years of fruitless quarrels over this old title, the Indians had grown weak and the whites had grown strong, and it is the old story—the weaker gave up to the stronger. In 1770 the tract was surveyed into allotments, and divided among the proprietors and their heirs. Lot No. 12 of the sixteenth allotment, on which the village of Saratoga Springs now stands, fell to the lot of Rip Van Dam. He was the first white man that owned the Springs of Saratoga, and he owned them all without even knowing it.

The Indians, never having troubled themselves with the trials of getting an education, kept no record of the early history of the Springs at Saratoga. At least one spring had a prehistoric existence. The bear, the deer, the wolf, and moose, were the original patrons of High Rock Spring. In their eagerness to drink the saline waters, they gathered round this "big salt lick" in great numbers, and were often shot by the Indians while drinking. The Indians said that the water took away all fear of man, and that the timid deer suffered death rather than forego the salty waters that flowed over the top of the mound-like rock.

The Indians themselves used the waters freely, and regarded the spot as a "medicine spring" that was the direct gift of the Great Spirit for the healing of their nations. The first white man who visited Saratoga Springs, says Sir William Johnson, was a sick French officer whom an Indian chief brought from Fort Carrillon to be benefited by the waters. The next, it is believed, was Sir William himself, who came there in August, 1761 ten years before Dirck Scoughton built his pioneer hotel upon the bluff near by. His faithful Mohawks brought him through the woods from Schenectady, by the way of Ballston Lake, to the



**High Rock Spring.** Scoughten's route to the springs was from the Hudson to the east side of Saratoga Lake, thence across the lake in a bark canoe to the mouth of the Kayadarosseras River, thence up the river two miles to an Indian trail that led to the springs. In 1783, Gen'l P. Schuyler cut a road through the woods from his mills at the mouth of Fish Creek to the springs and built a summer-house which he occupied every summer with his family during the rest of his life.

Around those old fountains of *Kay-ad-ro-sse-ra*, so often surrounded with the rude wigwams of the savages, the new Saratoga has sprung up in all the pride and splendor of modern civilization. It has been but a hundred years in building. In the year 1774 the first rude hotel was opened for the entertainment of visitors, by John Arnold, of Rhode Island. He occupied the house built a year or two before by Dirck Scoughten, upon the bluff west of and near the High Rock Spring. Scoughten had made a little clearing, planted some potatoes, and put up and partly furnished a log house, when he quarreled with the Indians and they drove him away. This pioneer hotel had but a single room or two on the ground floor, with a chamber overhead. In sight of it were sixteen Indian cabins filled with their savage occupants. In the rocky ledges near by, there were numerous dens of rattlesnakes. There were so many of these reptiles then at the springs, that the early visitors often had to hang their beds from the limbs of the trees to avoid them. Nightly, the wolves howled and the panther screamed; daily, the black bears picked berries in the little clearings, and the wild deer and the moose drank from the brook, while the eagle yearly built her nest on the top of the towering pines.

Such was the style, and such were the surroundings of the first rough hotel of the wilderness springs of a hundred years ago, that led the way in the long line of magnificent structures that have since graced the village.

The individual springs were discovered at various times; some by mere accident, and some by careful scientific search. The oldest of all is the High Rock Spring. It was known to the Indians for a long time before the whites appeared. Its actual age is uncertain, as the Indian accounts of it were mere traditions.

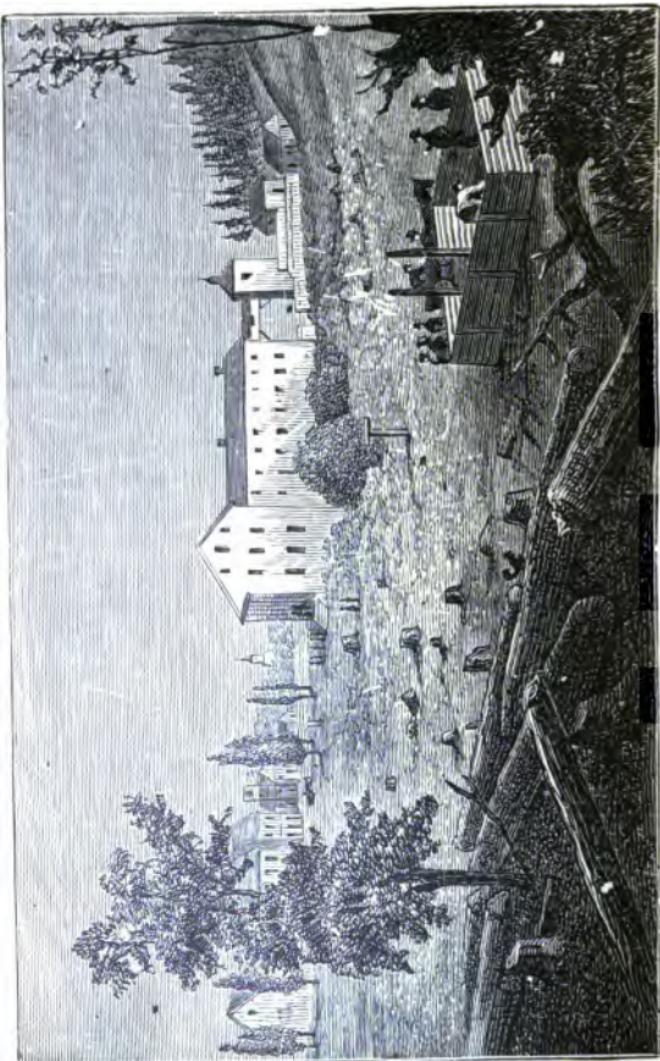
## SARATOGA ILLUSTRATED.

and legends. The pile of calcareous tufa heaped about the mouth of the spring grew by imperceptible layers, perhaps not an inch in a hundred years, and it is now three and one-half feet high ; so that its age vies with that of the geological period in which we live, and it may be vaguely guessed at thousands of years. For a long time, however, before Sir William's visit, it had ceased to flow over the top, and had found some other outlet. According to an old Indian legend, while it was still flowing over the top, some squaws once bathed their sooty faces in it, and the offended waters, shrinking from their polluting touch sank down in shame into the bosom of the rock, and never afterwards were seen to flow over its surface.

The spring was purchased by Messrs. Ainsworth & McCaffrey in 1865, and in experimenting upon it the firm found that the mound of stone had no connection with the bed rock below. In the black soil below it was found the decayed trunk of a pine, its upper side well worn, as if long-forgotten footsteps had worn it smooth in seeking the spring. Below this were marks of ancient fires, and two distinct layers of tufa and meadow muck ; so that the spring may have been in existence long before the present slow-growing rock was formed, and its origin is placed still further back in the total obscurity of prehistoric time. The tubing was finished in August, 1866, and from that time to this the water has flowed out in exhaustless abundance.

Congress Spring was first discovered in 1792. In the summer of that year, Gov. John Taylor Gilman of New Hampshire was staying at the little log tavern that was built by Dirck Scoughten, eight years before, near the High Rock Spring. It was kept by Benjamin Risley, who came from Vermont. Gov. Gilman had long been connected with public affairs, and was the popular leader of the Federal party in his native State. He had served with honor in the Provincial forces in the war of the Revolution, had been a delegate in the Continental Congress for two years, and was at this time State Treasurer, and from 1794 was for eleven years Governor of the State. Upon a pleasant afternoon in August, he took his gun and strolled up the little creek that runs past the High Rock Spring, in search of game. Saratoga was then all a wilderness, excepting the little clearing around

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the tavern, and two or three others in the vicinity. He followed up the little brook, as it ran through the tangled swamp, until he came to a branch that entered it from the west. This branch then took its rise in a clear spring that ran out of the sand bank near where the Clarendon Hotel now stands. Running across Broadway, then an Indian trail, a little northerly of the Washington Spring, it emptied into the main brook in what is now Congress Street, just below the Congress Spring. A few yards above the mouth of the branch was a little cascade. Below the cascade, the rock rose abruptly two or three feet above the level of its bed. Out of this rocky bank, at the foot of the cascade, a little jet of sparkling water, not larger than a pipe stem, spouted and fell into the water of the stream. Struck by its singular appearance, Gilman stopped to examine it. It tasted not unlike the water of the High Rock Spring that was already so famous. The truth flashed upon his mind in an instant. He had found a new mineral spring.

Hastening back to his boarding place, Gilman made known his discovery. Every person in the settlement was soon at the foot of that little cascade in the deep, wild woods, wondering at the curious spectacle. There was Risley and his family, of the Scoughten House. There was Alexander Bryant, the patriot scout of the Revolution, who kept the only rival tavern—a log one near by Risley's. There was Gen. Schuyler, who had, just ten years before, cut a road through the woods from his mills near the mouth of Fish Creek to the Springs; and Gideon Putnam, the founder of the lower village; and Gilman's brother, and a few more guests who were at the little log tavern. And there, too, was Indian Joe, from his clearing on the hill, near where the Clarendon now is, and some of his swarthy brethren, from their huts near the High Rock, wondering at the strange commotion among the pale faces, at the little waterfall in the brook. And they all, gathering around it, each in turn tasted the water of the newly-found fountain, and, pronouncing it of superior quality they named it then and there the Congress Spring, out of compliment to its distinguished discoverer, and in honor of the old Continental Congress of which he had been a member.

For many years afterwards the water was caught in glasses as

it ran from the rock. In attempting to increase its capacity by removing a part of the rock the spring was lost. But bubbles of gas were noticed in the bed of the creek near by, and, turning the creek one side, excavations were made in its bed. The spring was found and tubed, and has since become world renowned.

Columbian Spring was first tubed by Gideon Putnam in 1805. The Ten Springs, near the present Excelsior Spring, were discovered in 1814, and the Washington was tubed in 1806. The Pavilion and Empire Springs were brought into notice in 1836 and 1848. The Geyser group of springs were obtained by boring, and they are comparatively recent. Some of the other springs were known for a long time, but have been only recently developed. So it seems that these remarkable mineral fountains are very old, in one sense, and quite new in another. The hidden sources of the waters, and at least one of the escapes at the surface, are very ancient. The tubing and the later boring are comparatively a matter of our own times.

The first critical and scientific examination of the waters was made by Dr. Valentine Seaman, of New York, in 1797; and the first large hotel was opened in 1803, by Mr. Gideon Putnam. It was called the Union Hotel, and for a bush hung out a rude picture of "Old Put and the Wolf." The village then consisted of a few log cabins, and the visitors were all invalids. In time, the fame of the cures increased, and the village spread its borders through the wilderness, and began to take on its present rather gorgeous apparel.

Saratoga has, at times, been visited with disastrous conflagrations, which have swept away, in an hour, some of the magnificent hotels of the town. The first of these, of late date, was in 1865, when the old United States and Marvin Hotels were consumed. They occupied the ground on which the new United States Hotel now stands. The Marvin House was rebuilt on its present site in 1869. The United States was rebuilt in its enlarged and present colossal proportions in 1874, and in June of that year it was opened to summer visitors. The money for building it was raised by the sale of bonds, and the enormous sum of \$1,000,000 was expended in its construction. The old Congress Hall was destroyed by fire in 1806. The present Com-

gross Hall was built upon the same ground in 1808, at a cost of \$300,000, raised by bonds bought by the citizens and others who came forward to assist Mr. Hathorn in repairing the great loss to the town, and replacing it with the present beautiful structure.

The Crescent, Park Place, and Columbian Hotels, extending from Congress Street, on the west side of Broadway, to the grounds of the Clarendon Hotel, were burned, in one conflagration, in the fall of 1871. The Columbian was rebuilt and re-opened in 1872, and the Park Place and Crescent Hotels were replaced in 1872 by the Grand Hotel, which covered all the ground occupied by the two, with very considerable extensions. The Grand Hotel had a short career, for, on the 1st day of October, 1874, it was obliterated by a sweeping fire that leveled it with the ground. It has not yet been rebuilt, but the vacant lot and ruins on Broadway, corner of Congress Street, still perpetuate its memory. The Grand Union has been more fortunate than its rivals, and has gradually assumed its present ornamental and extensive appearance, by various enlargements and reconstructions, the last one being the rebuilding of the north wing in the spring of 1875.

Saratoga County was formed from a part of Albany in February, 1791. The first settlements were made by the Dutch, a few years after their arrival in this country. The county, lying on the natural route between the settlements on the Hudson and the French towns in Canada, naturally became the scene of much of the fighting in the early wars between the English and French. After the conquest of Canada, in 1760, the settlements extended rapidly northward, and, by the time of the Revolution, the county had become well filled. During that war, Burgoyne's surrender, and the events that preceded it, made the county famous in our history. The British forces ravaged the entire county, and caused its almost entire depopulation, but the people finally captured the entire English army.

Saratoga Springs, with which we are more particularly interested, was formed from Saratoga Township in April, 1810, and it was made a post town in 1826. In 1831 a subscription was raised to build a railroad from Schenectady, and it was thought a great thing that the traveler could go to the Springs from New

SARATOGA ILLUSTRATED.

York at the breathless speed of fifteen miles an hour. From that time Saratoga Springs has grown rapidly, and with more or less steadiness. It has had its ups and downs, its fires and hotel openings, its dull times and its periods of wonderful prosperity. To-day it has a permanent population of 11,000, and offers more attractions than ever. Within the year it has added to its hotel facilities, its social advantages, and its sanitary conveniences. Houses and villas are springing up in its new streets. Better roads and drives are extending in every direction. Its races and regattas have become established institutions of the pleasure-seeking season. Its springs flow in greater abundance than ever, and in all their abundance there is no decline in their invaluable medical properties. The invalid, the fashionable woman, the idler, and the busy city man, may here find, each in their way, something to please, and none need depart saying that aught is wanting that could contribute to his comfort or happiness.

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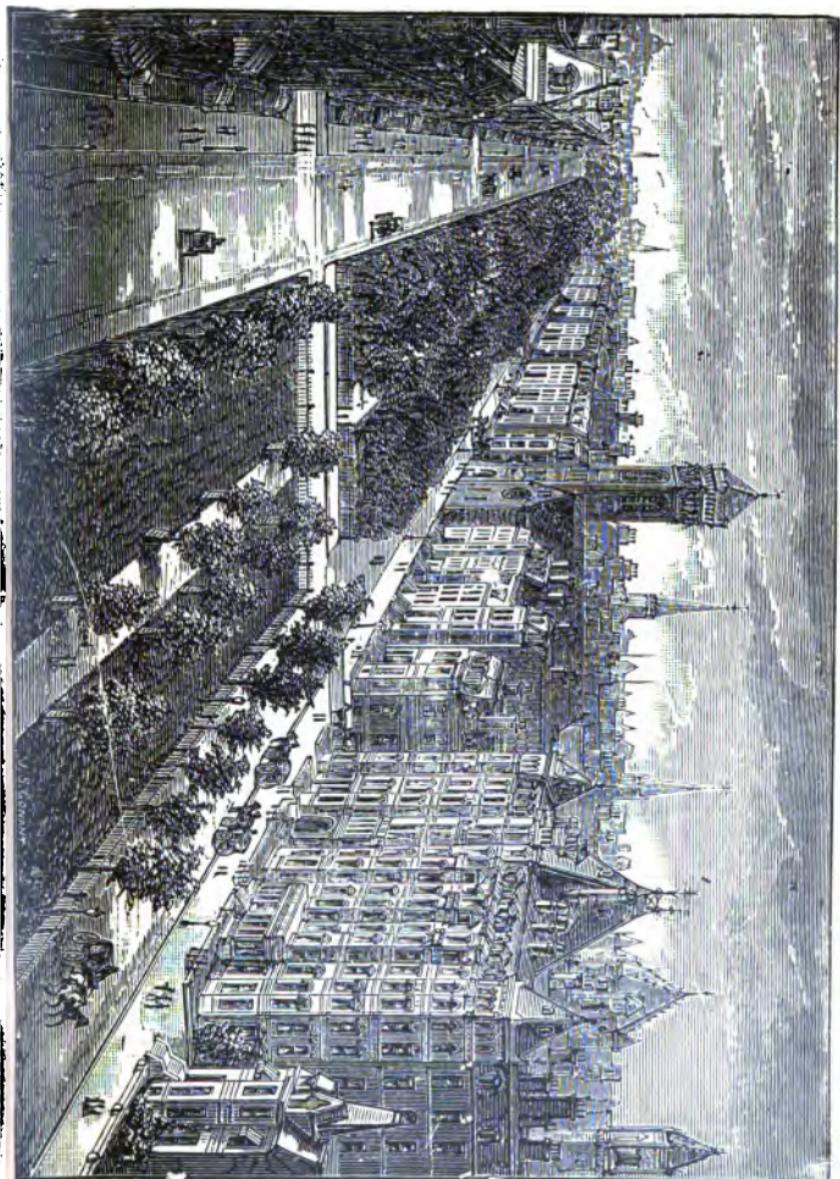
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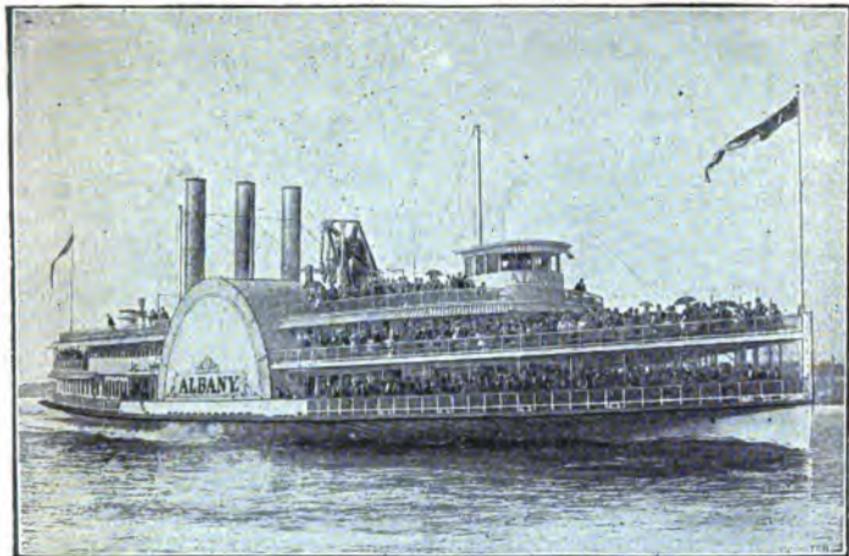
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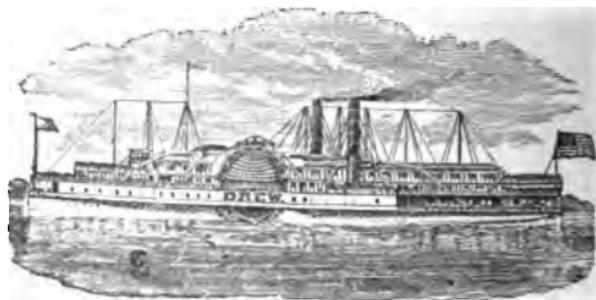
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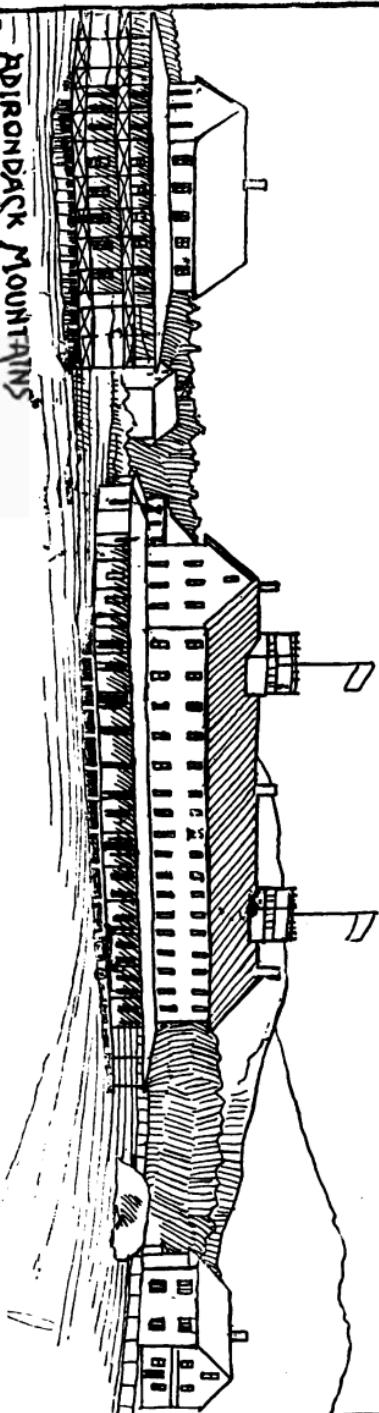
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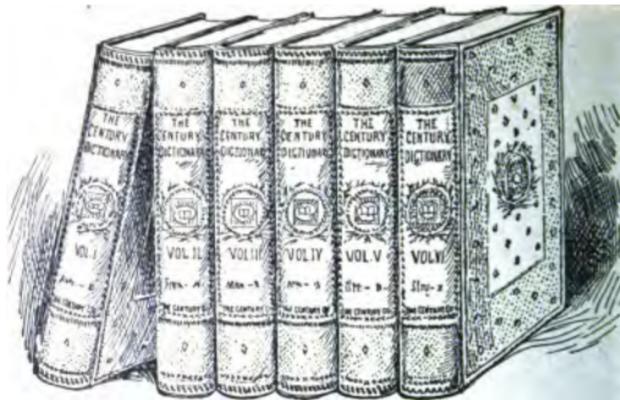
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